Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 JUNE 12, 1939 Number 24

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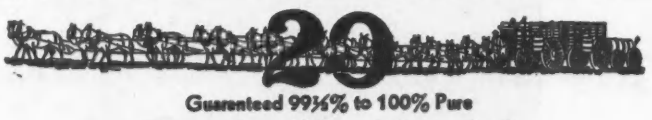

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JUN 1939

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Oil, Paint and Drug Reporter

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Volume 135 JUNE 12, 1939 Number 24

RECEIVED JUN 12 1939 LIBRARY THE CHEMISTS' CLUB

Fertilizer Ass'n Warned On Superphosphate Output

White Sulphur Springs, June 8, 1939

The biggest problem in the fertilizer industry is the over-production of superphosphate, W. T. Wright, president of the F. S. Royster Guano Company, declared in his address as president of the National Fertilizer Association at its fifteenth annual convention in the Greenbrier, June 5-7. Present production of superphosphate is in the neighborhood of 4,000,000 tons, while the indicated capacity of the industry to produce superphosphate is double the present production. Mr. Wright said that the industry's investment and facilities for the production of superphosphate probably accounts for fully one-half the total investment in factory equipment. He condemned the industry's marketing of superphosphate by selling it, often below cost, and urged that the fertilizer consumer be educated to the real value of superphosphate. If this were done, he said, there was no doubt but what the industry's entire surplus production of superphosphate could be used profitably by the farmer.

He named three plausible possibilities for increasing the consumption of superphosphate: (1) an increase in the amount of mixed fertilizer used, (2) an increase in the phosphoric acid content of fertilizer sold, and (3) increased sale of phosphoric acid to the farmer in the form of superphosphate.

Charles J. Brand, executive secretary and treasurer of the association, said that it is important for the industry to render a service to agriculture commensurate with its position in its close alliance with the farmer. He told the convention that the industry must see that its relationship in all its phases is correctly understood by agriculture, the public and the Government, and pointed out how the dissemination of inaccurate information from any source leads to unfortunate consequences.

He cited the oft repeated statement that cotton and tobacco are peculiarly destructive of soil fertility. The average yield of cotton removes 33 pounds of plant food from the soil per acre, and the average tobacco crop takes out about 64 pounds, while corn removes 110 pounds, and a wheat crop 76 pounds per acre, Mr. Brand said. He challenged recent statements that the kind of fertilizer used and the way it is used is a factor in soil losses. Mr. Brand said that if no fertilizer was used the following additional acreage of the principal crops would be required to equal our usual production: 11,500,000 acres in cotton, 7,500,000 in corn, 5,100,000 acres in wheat, 1,750,000 acres in tobacco, 1,400,000 acres in oats, 1,100,000 acres in potatoes, and 1,100,000 acres in vegetables.

On the Tennessee Valley Authority's production of fertilizer, Mr. Brand declared that thus far its achievements by way of the production of cheap fertilizer materials has been negligible. He called attention to the testimony of the Tennessee Valley Authority's chief chemical engineer who testified that Tennessee Valley Authority's cost of concentrated superphosphate was $72.80 per ton of P_2O_5. Mr. Brand said that in 1937 when the Agricultural Adjustment Administration began to distribute Tennessee Valley Authority concentrated superphosphate, the authority charged the Agricultural Adjustment Administration $32.25 per ton, basis 43 percent, or $.75 per unit. In 1938 when privately made superphosphate was needed to furnish the tonnage that Tennessee Valley Authority could not sup-

—*Continued on page 54*

W. T. Wright
Retiring President

Potash Industry Confers On Antitrust Laws

OPD Washington Bureau
June 8, 1939

Representatives of the potash industry have held a series of conferences with officials of the Department of Commerce regarding antitrust charges pending against the fertilizer industry, and further conferences will be held next week.

The Department of Justice has been conducting a sweeping investigation of the fertilizer industry from the standpoint of compliance with the antitrust laws, and some of the material gathered by it is currently before a Federal grand jury in New York. The purpose of the Department of Commerce conferences is to attempt to work out some plan of economic and price changes in the potash industry which might serve as the basis for a consent decree if and when potash producers and importers are faced with an antitrust indictment in connection with the fertilizer case. The conferences have been headed by Dr. Willard L. Thorp, economic adviser to the Secretary of Commerce, and have been attended by other officials of the Department of Commerce and other Federal departments.

Negotiations Promising

Dr. Thorp stated today that the negotiations are proceeding satisfactorily

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Insecticide, Disinfectant Makers Study Labeling and Legislation

An analysis of the labeling provisions of the new Federal food, drug and cosmetic act, and a study of the effects of legislation recently enacted by various States, provided the highlights at the twenty-sixth mid-year meeting of the National Association of Insecticide and Disinfectant Manufacturers, held in the Biltmore hotel, this city, June 5-6. Other features included the reading of technical papers dealing with scientific research within the industry, and a discussion of methods for broadening the sale of insecticides and disinfectants.

Insecticides and disinfectants may become subject to the new law if they are intended in any way, either by employment or by directions, to be used for the treatment of a diseased condition or to prevent a disease in man or animal, Dr. H. C. Fuller, technical consultant, Washington, explained in discussing the status of insecticides and disinfectants under the new Federal food, drug and cosmetic act. Under these conditions, Dr. Fuller further explained, they are classed as drugs under section 201 paragraph G of the act.

Furthermore, Dr. Fuller said, any substance or ingredient that is a component of an insecticide or disinfectant that falls within the classification of a drug, is itself declared to be a drug under the same paragraph, and, when handled for compounding, he added, such insecticide or disinfectant must be labeled according to the provisions of the act, and its purity as an individual article carefully determined.

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Claims Determine Classification

Claims advanced for certain products may determine their classification, Dr. Fuller said. He illustrated this point by saying that the direction for a disinfectant of a certain composition may include treatment of lice that infest stock to the point of producing emaciation, and, he added, it may also be recommended as an application for cuts and scratches resulting from dehorning and castration. Any one of these claims, he said, would make it a drug and subject to all provisions of the new law, as well as the insecticide act to which it is already subject. But, he explained, the same identical composition without such claims would be subject only to the insecticide law.

On the other hand, Dr. Fuller said, arsenical dips intended to destroy the tick responsible for cattle fever infection would, regardless of claims, be classed as drugs under any and all conditions. Dr. Fuller then listed the types of articles, in which the membership of the association is interested, that are not affected by the new legislation. His list included:—

Disinfectants designed for inanimate objects and fumigants for buildings.

Fly, roach and flea powders, fly repellants for stock and household use, lice powders for poultry and pet stock and sprays for the red poultry mite.

Horticultural and garden sprays, fumigants for vegetation, dusts for controlling boll-weevil, sprays for San Jose scale and articles of similar purport.

The types of articles subject to the act, which are of interest to the industry, Dr. Fuller said, were:—

Arsenical dips for controlling the tick responsible for Texas or cattle fever.

Coaltar disinfectants in general; pine oil and hypochlorite disinfectants if directions include application to the human or animal body for remedial purposes.

Cresylic acid disinfectants if recommended for use on man or animals.

Lime sulphur compositions intended for the treatment of sheep and cattle scabies and lice, hog mange and sheep ticks.

Nicotine solutions if sold for treating scabies and mange, but not included if

—*Continued on page 31*

Soda Chlorate WPA Project Brings M.C.A. Protests

OPD Washington Bureau
June 8, 1939

The Manufacturing Chemists' Association is protesting a Works Progress Administration project for construction of a chlorate of soda plant in connection with the power plant of the Strawberry Water Users Association, near Spanish Fork, Utah county, Utah.

According to information from D. J. Greenwell, WPA State Administrator, the project has been approved but has not been released for the start of construction work. Mr. Greenwell stated that the maximum capacity of the proposed plant would be 700 pounds of chlorate of soda daily, and that the Federal government proposed to contribute $4,405 and local sponsors $6,871. Local sponsors are understood to be the Strawberry Water Users Association, the Utah County Commissioners, and the Utah State Department of Agriculture. According to local reports in Salt Lake City, construction of the proposed plant is considered to be the beginning of a government drive to control noxious weeds by the use of chlorate of soda.

Protests have been sent by the Manufacturing Chemists Association to Col. F. C. Harrington, WPA Administrator; the Utah State WPA Administrator; Frank A. Banks, acting Administrator of the Bonneville Project, Portland, Ore.; and the Senators from Oregon and Utah. The protest declares that a prominent chemical company has recently purchased 118 acres of land near Bonneville Dam and contemplates erecting there a $500,000 plant for the production of chlorate of soda, purchasing the necessary electric power from the government at Bonneville Dam. The protest declares that private industry cannot be expected to advance if it is to be faced with competition from the government.

Housing Act Extension Approved by President

OPD Washington Bureau
June 6, 1939

President Roosevelt today signed the bill to revise the national housing act, including the provision extending for another two years insurance by the Federal Housing Administration of bank loans for property modernization and repair under title I of the law.

The FHA has already prepared plans for a property improvement promotional drive in cooperation with dealers, contractors, and banks in order to call public attention to the renewal of the provisions under which loans may be obtained for such work.

The principal features of the amended act are:—

1. Authorization for the President to increase to $4,000,000,000 the amount of outstanding mortgage insurance obligations the FHA may have at one time. The present limitation is $3,000,000,000, and the outstanding principal obligation at this time is approximately $1,400,000,000, not including approximately $400,000,000 in outstanding commitments to insure.

2. Continuation of the FHA's authority to insure mortgages on existing construction until July 1, 1941. Homes financed with FHA-insured mortgages will continue to be eligible for FHA financing indefinitely.

3. Requirement that, in the refinancing of mortgages, the applicant for insurance

—*Continued on page 29*

Closing Market Developments

London Closing Cable

LONDON, June 9, 1939

Stocks of shellac in London warehouses June 1 totaled 97,807 packages of which quantity 96,782 packages were orange. Quicksilver prices were quoted £16 per flask, ex warehouse.

Cumar Prices Unchanged

Manufacturers of Cumar resins announced that contracts are being negotiated for delivery within the next six months at the same prices that are now being quoted

Ortho, Meta and Para Cresols Unchanged

A leading producer announced late Friday prices covering shipments for delivery during the second half 1939 for ortho, para, meta cresols would be unchanged. Schedule of prices follow:—Ortho cresol, 30.4° car lots, 14½c. per pound, and less car lots, 15c. per pound; 30-30.4°, car lots, 14c. per pound, and less car lots, 14½c. per pound; 29-30°, car lots, 13½c. per pound, and less car lots, 14c. per pound. F.o.b. works, freight equalized, drums returnable at seller's expense. Para cresol, 98-100 per cent, car lots, 42c. per pound, less car lots; 43c. per pound; 92-94 percent, car lots, 34c. per pound, and less car lots, 35c. per pound. Meta cresol, 80-82 percent, car lots, 15c. per pound, less car lots, 16c. per pound; 70-75 percent, car lots, 12c. per pound and less car lots, 13c. per pound, f.o.b. works, drums returnable at buyer's expense.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Cosmetics:—The Guatemalan Department of Health is now requiring the registration as a pre-requisite to their importation and sale in the country.

Medicinals:—The Netherland Indian Public Health Service has added twelve products, including mercuric chloride and hydrogen peroxide, of over 25 percent by weight, to the "G" list of imported or domestic medicines which are subject to control and can be sold only on a physician's prescription.

Sunflower Seed:—If imported into Poland under special permit sunflower seed oil cake may be exempted from duty.

War Materials Bill Signed by President

OPD Washington Bureau
June 8, 1939

President Roosevelt today signed the bill for the building up of reserve stocks of essential war materials by the army and navy. The bill was passed by Congress Monday.

The senate approved a conference report which accepted the house amendment to the bill authorizing appropriations of $100,000,000 for purchases during a four-year period. As originally passed by the senate, the bill authorized a maximum of $10,000,000 a year for four years. Purchases cannot start, however, until specific appropriations are voted, and the extent of the program will depend on the amount actually appropriated each year.

The bill names no materials to be included under the program, but leaves their designation to the joint army and navy munitions board. All materials purchased are to be held as a war reserve, except that those liable to deterioration may be rotated. The bill also authorizes an appropriation of $500,000 for use by the Bureau of Mines and the Geological Survey in developing new domestic sources for stragetic minerals.

N.P.V.L.A. Executives Meeting in Chicago July 11

OPD Washington Bureau
June 8, 1939

President Ernest T. Trigg, of the National Paint, Varnish & Lacquer Association, has announced that at the request of Chairman Charles J. Roh, the next quarterly meeting of the executive committee will be held at the Palmer house in Chicago, Ill., July 11, 1939, at 10:30 a.m., Central daylight saving time.

Chemical Price Movements Mixed

There was no definite trend of prices last week in the markets for heavy and fine chemicals. Advances and reductions were fairly equal in number, variety, and influence. Quicksilver on the up side and cresylic acid and cresol on the down were the notable items.

Seasonal movements of materials were better; so was the general sentiment. But, slackened activity in heavy consuming circles maintained the spottiness.

Prices were advanced on domestic and European quicksilver, methyl acetone, gum rosin, gum and steam-distilled wood turpentine, tapioca flour, Japanese sardine meal, and imported blood albumen.

Prices were reduced on domestic cresylic acids, cresol, subnitrate and subcarbonate of bismuth, cocoa butter, imported bone, domestic nitrogenous fertilizer stuff, and feeding tankage.

Maximum contract schedules were extended on crude coaltar, coaltar pitch, creosote oil, pyridin, and shingle-stain oil.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.5 (100 = average of August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.8, compared with 88.9 at this time last year, and 89.6 in 1937.

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Leather Chemists Discuss Research

Shawnee, Pa., June 8, 1939

The results of chemical research looking toward further improvement in the tanning of hides claimed the attention of the attendance at the thirtieth annual meeting of the American Leather Chemists Association, held in the Buckwood Inn, June 5-8.

Holdover officers of the association are:—

President, Dr. H. B. Merrill, chief chemist for A. S. Gallun & Son, Milwaukee, Wis;. vice-president, C. S. Oberlander, of the Lang Mining Company, Tichner, Ont.; Secretary-treasurer, C. A. Blair, consulting chemist, Newark, N. J.

Elected ordinary members of the council were:—

D. Williams, of the Elk Tanning Company, Ridgeway, Pa.; and R. C. Bowker, of the Bureau of Standards, Washington.

While the field for leather reasearch is still wide open and there are no restrictions upon the efforts to improve product and production, the leather business as a whole has run into certain definite limitations. Merrill A. Watson, executive vice-president of the Tanners Council, New York, declared in an address on "Frontiers for Science and

Continued on page 61

Lime Association Re-elects Officers

The National Lime Association held its thirty-seventh annual meeting in the Homestead, Hot Springs, Va., June 1-2. Frank W. Lovejoy, of the Socony-Vacuum Oil Company, this city, was a principal speaker, discussing "The Man on the Street and His Importance to the Lime Industry."

The following officers were elected:—

President and general manager, S. Walter Stauffer, 927 Fifteenth street, N. W. Washington.

Secretary and assistant treasurer, W. Vernon Brumbaugh, 927 Fifteenth street, N. W. Washington.

Treasurer, James H. McNamara, of the Eagle Rock Lime Company, Eagle Rock, Virginia.

Assistant secretary, Roma F. Medford, 927 Fifteenth street, N. W. Washington.

Executive committee members are:—

Chairman, K. L. Hammond, of the Keystone Lime Works, Inc., Keystone, Alabama; Henry La Liberte, of the Cutler-

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Patent Appeals Court Proposed by Hopkins

OPD Washington Bureau
June 5, 1939

Secretary of Commerce Harry L. Hopkins today transmitted copies of a proposed bill, with letters of recommendation, to the President of the Senate and the Speaker of the House of Representatives recommending legislation for the creation of a circuit court of appeals for patents.

The bill, proposed for immediate enactment, provides for the establishment of a single five-man court to decide appeals involving the validity, ownership, and infringement of patents, with jurisdiction over patent cases in the United States proper and in the insular possessions.

Further changes in the present law to assure quicker and less costly disposition of applications for patents are contemplated in six other bills which Secretary Hopkins has previously rec-

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Corn Products Makers Cited Under Patman Act

OPD Washington Bureau
June 5, 1939

Eleven companies producing or distributing finished corn products both for household and for industrial use have been served by the Federal Trade Commission with eight complaints alleging discriminations in price in violation of the Robinson-Patman act.

The respondents are Anheuser-Busch, Inc., St. Louis; Piel Brothers Starch Company, Indianapolis; Clinton Company, Clinton, Iowa; Clinton Sales Company, Chicago; the Hubinger Company, Keokuk, Iowa; Penick & Ford, Limited, Inc., New York; A. E. Staley Manufacturing Company and the Staley Sales Corporation, Decatur, Ill.; Union

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S.O.C.M.A. Outing Got Golf Prizes for 11

The Skytop golf course swarmed with players June 2 during the tournament which was the outstanding feature of the annual outing of the Synthetic Organic Chemical Manufacturers Association. These contestants represented members of the association, members of the Manufacturing Chemists Association of the United States, and other interests in the chemical field. There was a gallery of at least as large a number, accompanying the several four-ball matches or gathered at vantage points, particularly at the tenth (water) hole.

The S.O.C.M.A. tournament is conducted on rules peculiar to itself. Of course, all the fine points of the game are kept within official bounds, but the awarding of the prizes for scores is of an individual character. The basis is a sort of elaborated blind bogey system; the players guess, shoot and draw. This is designed to equalize things; to put the duffer and the off-day player in the running more effectively than is possible with a simple handicapping system. As a result a player is not beaten by his score if his luck holds out.

In this year's tournament the eventually determined winners on scores and guesses and draws were D. C. Scott, R. E. Wilkin, R. E. Dorland, P. M. Dinkins, W. C. Hovey, H. B. Marshall, and W. F. Harrington. They picked their

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L. duPont Offers Plan For Business Recovery

Pittsburgh, June 8, 1939

Lammot duPont, president of the Manufacturing Chemists Association and head of E. I. duPont de Nemours & Co., in an address here tonight, told members of the National Association of Manufacturers that the bars to recovery are exhorbitant spending, excessive and unfair taxes, ill-conceived laws, a prejudicial attitude of government toward business, and the stifling of private enterprise. Mr. duPont said in part:—

The vision of a want-free America is not nearly so new as some would have us believe. It was the goal of the upward surge of business during the 1920's. For half a century it has been in the mind of progressively inspired business leaders.

The first principle of the recovery program is lower costs for all materials that enter into living. The second is maintenance of high wages. The third is improvement in the quality and usefulness of all existing goods, and the development of wholly new materials and new goods through scientific research and invention. The fourth is the creation of new tools, equipment and facilities—that is, new capital added to that which we now have —in order to provide full employment not only to the present generation but also to increasing future generations.

Simple and tried in its esentials, this program has been evolved out of a century and a half of experience. It is the product of democracy. It places the bulk of responsibility for social betterment squarely on the shoulders of free private enterprise, where it belongs. There should be no hesitancy among us today in accepting that responsibility, asking only a fair opportunity to work, a fair opportunity to earn a profit measured by the service performed and a fair opportunity to grow.

'Bromo Seltzer' Suits To Be Tried in N.Y.

In the first judicial interpretation of the new food, drug, and cosmetic act, Judge John W. Clancy of the United States District Court for the Southern District of New York ruled May 25 that, in the trial of multiple seizures, the law does not require removal of the case to the home district of the claimant.

The case involved the Emerson Drug Company, Baltimore, maker of "Bromo Seltzer," which was seized by the Food and Drug Administration in four different jurisdictions on charges that it was dangerous to health when taken in the dosage suggested on the label. The company petitioned the court to have the cases consolidated and removed for trial to the Federal court in Baltimore. Judge Clancy granted the consolidation but refused to permit removal to Baltimore, so the trial will be held in this city.

In his decision Judge Clancy reviewed the legislative history of section 304 (b) of the law, which permits con-

—*Continued on page 44*

Canada Tariff Pact In Effect Saturday

OPD Washington Bureau
June 5, 1939

The Department of State announced Saturday that the exchange of documents required to bring the new tariff bargain with Canada into full and definitive effect will take place in Ottawa, Canada, June 17, and the agreement will come into effect in its entirety on that date.

The documents to be exchanged are a copy of the proclamation of the agreement by the President of the United States, and the instrument of ratification signed by His Majesty, King George VI.

The tariff bargain, which was signed in Washington, November 17, 1938, has been in provisional effect as to most of its provisions since January 1.

N.Y. 'Loss Leader' Bill Vetoed by Governor

Albany, June 7, 1939

Governor Lehman has vetoed the Esquirol-Parsons "loss leader" bill, because he was of the opinion that it could not practicably be enforced.

This bill (A.I. 761, A.P. 1906) would have added to the general business law a new article 11-a enacting an "unfair sales law" designed to prevent unfair and deceptive merchandising practices in wholesale and retail trades by prohibiting the advertising or sale of merchandise at less than cost with intent of unfairly diverting trade from or injuring competitors. Exceptions in the bill were bona fide clearance sales, per-

—*Continued on page 41*

Hardesty Named President Of Smaller Business Ass'n

W. C. Hardesty, president of W. C. Hardesty & Co., fatty acid manufacturer, this city, was elected president of the Smaller Business Association for New York, New Jersey and Connecticut, at a meeting June 2. Other officers elected were:—Vice-president, Charles Courtney, of Charles Courtney Company; secretary, George A. Gottlieb, of Gottlieb & Co.; treasurer, Henry Modell, of Modell's Sporting Good's Company.

N.C. Voluntary Chain Tax Refused Review by High Court

OPD Washington Bureau
June 5, 1939

The Supreme Court today refused to review a decision of the North Carolina Supreme Court applying that State's chain store tax to a voluntary chain of separately incorporated stores having the same name and participating in a joint purchasing plan.

Flavoring Extract Makers Hear About Labeling Requirements

An interpretation of the labeling requirements of the new Federal legislation by an official of the Food and Drug Administration, together with a review

Clarke E. Davis
New President

of the activities of the various standing committees, and the election of officers held the interest of more than 150 members and guests attending the thirtieth annual convention of the Flavoring Extract Manufacturers' Association, in the Hotel Pennsylvania, this city, June 5-7.

Complete quantitative manufacturing formula of a flavoring extract or other food must be made known before the Food and Drug Administration can offer intelligent comment regarding the propriety of any proposed labeling, J. W. Sale, chief chemist for the Food and Drug Administration, Washington, declared in an address "Labeling Flavoring Extracts under the new Federal food, drug and cosmetic act." The limited personnel of the administration, he said, does not permit a study of each label when a manufacturer submits twenty or fifty proposed labels. He added that specific comment is restricted to a few labels which are representative of the various types of flavors. In further discussing the question of labeling, Mr. Sale, in part, said:—

We do not believe that the letters, "U.S.P." should be used in declaring vanillin present in food, because they are unnecessary and may have a misleading implication to consumers not familiar with the meaning of these letters, which of course are associated with drugs and not foods.

References in the labeling to U. S. government, U. S. Department of Agriculture, or U. S. Food and Drug Administration, are likely to be misleading, as they may be interpreted by some purchasers as implying government supervision of the packing of the product and government endorsement of the finished article.

We believe that the act does not contemplate the listing on the labels of food flavors of such chemical names as acetyl methyl carbonal and ethyl oenanthate, as such names cannot be regarded as common or usual names of these ingredients. On the other hand, the public is more or less familiar with some of the more common synthetic flavors such as vanillin and coumarin, with the various essential oils such as fennel, cinnamon, clove, bitter almond, etc., with true flavors derived from plant material or fruits such as maple flavor, strawberry flavor, etc., and with such usual ingredients of flavors or imitation flavors as sugar, water, alcohol, glycerol, phosphoric acid, citric acid, and tartaric acid.

We are of the opinion that all such substances with which the public is more or less familiar and which are defined in dictionaries should be listed by their specific names on the labels of food flavors

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Drug Law Deferment Compromise Reached

OPD Washington Bureau
June 8, 1939

Final agreement is expected early next week on the bill to extend the effective date of the affirmative labeling and coaltar color provisions of the food, drug, and cosmetic act, which otherwise would take effect June 25. House and senate conferees probably will meet Monday or Tuesday and are expected to ratify a compromise of the Pepper amendment worked out during

—*Continued on page 44*

Wisconsin 'Loss Leader' Law Became Effective June 3

A State law prohibiting retailers and wholesalers from selling or offering to sell merchandise at less than cost went into effect today. The measure contains a provision that such sales come under the ban only if they tend to deceive any purchaser to lessen or restrain trade or create a monopoly. Offenders may be fined $10 nor more than $50 for the first offenses but thereafter the penalities are not less than $50 nor more than $500.

Drug Color Certificate Fees May Be Changed

OPD Washington Bureau
June 8, 1939

Modification of the scale of fees for certification of small batches of coaltar colors is under consideration by officials of the Food and Drug Administration as a result of protests filed by packers of small quantities of colors for household use and for sale to bakers and confectioners and to smaller cosmetic manufacturers.

A number of these packers have complained of the charge of $8 a batch for certifying mixtures and repacks of color, and also against the present requirement that the labels of all such packages disclose the lot number and the content of pure dye. These interests made no protest at the time the regulations were under consideration; so, if any change is made, the department must give formal notice and hold a hearing before the regulations can be amended.

The law requires payment of fees to cover the cost of certifying colors, and the actual work involved in certifying a batch of mixed color is the same whether the sample is from a large batch or a small one, but consideration is being given to a sliding scale of fees which might involve lowering the charges on small lots and increasing them on large lots. Such a sliding scale would have to be approved by the solicitor of the Department of Agriculture and the Comptroller-General, and might also be opposed by the larger color manufacturers. There is a possibility, however, that the larger color makers would not oppose preferential treatment of the smaller repackers if it became apparent that failure to give such preferential treatment might result in general hardships in the industry and disruption of present distribution systems.

Drug Law Colors Submitted For D. of A. Hearing July 5

OPD Washington Bureau
June 5, 1939

A hearing has been set for July 5, in the Department of Agriculture building, at which interested parties may discuss the specifications for thirty-one additional colors to be added to the list of coaltar colors which the Food and Drug Administration will certify as suitable for use in foods, drugs or cosmetics.

The proposed specifications for the new colors were published in the *Federal Register* of June 3, which also listed twelve typographical corrections in the specifications for colors as printed in its May 9 issue. The announcement of the hearing also proposed five minor changes in specifications for colors listed in the original regulations promulgated May 9.

The hearing will be conducted by Frank S. Hassell, of the departmental solicitor's office, and affidavits in lieu of personal attendance may be filed with him.

The new list of colors includes one suitable for foods, drugs, and cosmetics, fourteen suitable for drugs and cosmetics, and sixteen suitable only for externally applied drugs and cosmetics. The addition of these thirty-one colors will result in listing almost all the colors submitted before the original regulations were published in tentative form; so that, with a few exceptions, any additional colors submitted for listing must be accompanied by a deposit of $500 to cover the cost of basic investigations to determine the harmlessness of the particular coaltar product. A refund will be made, the amount depending on the extensiveness of the investigation which the department must make in each case. In the case of each dye listed in the regulations, a fee of $15 is charged for certifying each batch of straight color or $8 for each batch of mixed color.

The following list shows the new colors to be considered at the hearing July 5, showing both the designations which the department proposes to give and the trade-names under which the colors were submitted by the manufacturers:

—*Continued on page 29*

JUN 1939 XUM

EVERY LOT TESTED Before Release for ANTACID and ADSORBENT Power

MALLINCKRODT MAGNESIUM TRISILICATE

After exhaustive investigation as to methods for analyzing magnesium trisilicate Mallinckrodt research chemists have set up exacting specifications to assure production of a uniform product. Besides pre-release antacid and adsorptive tests, Mallinckrodt Magnesium Trisilicate is tested for fineness, bulk, chemical composition, etc. This white, odorless, tasteless and grit-less powder must meet the highest medicinal standards. Suitable for tablet, capsule and powder preparations . . . Send for sample, literature and the latest Mallinckrodt Monthly Chemical Price List.

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New York, N. Y.

Mallinckrodt
CHEMICAL WORKS

RECEIVED JUN 12 1939 LIBRARY THE CHEMISTS' CLUB

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs., a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100 lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....160 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11⅛
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs., 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.56 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .69
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - (57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
powd., bbls., contracts, 80 tons, dlvd., ton..111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .12½- .13
Chlorosulphonic, dms., c.l., works..lb .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Acid Chromic, 99%, dms., c.l., dlvd. N. Y..lb. .15¼- —
l.c.l., 5 tons, dlvd. N. Y. lb. .15¾- —
Dms., smaller quantities, dlvd., N. Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., grain., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms. .....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .08½- .07
tanks .....lb. .06 - —
Cresylic, high-boil, dom., c.l., works, frt equld..gal. .49 - —
l.c.l., same basis.....gal. .59 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .55 - —
l.c.l., same basis.....gal. .56 - —
imported, pale, dms.....gal. .48 - .54
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital)
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls.....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade .....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls. .....lb. .45 - —
Linseed oil, dark, dms.....lb. .10 - .10¼
light, dms.....lb. .11 - .11½
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots. .....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit...lb. .05 - .06
sulphuric unit .....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l. 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9 works..100 lbs. 2.70 - —
tanks, works .....100 lbs. 1.15 - —
Acid, muriatic, 22°, cbys., c.l., E. works..100 lbs. 2.25 - —
l.c.l., 25 and over, works, 160 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works....100 lbs. 3.20 - —
tanks, works .....100 lbs. 1.65 - —
cryst., gran., bbls., car lots.lb. .21 - —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9 works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works.. 100 lbs. 5.50 - —
Western works..100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works.. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP., dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06½- .06¾
tanks .....lb. .05¾- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1,710 cbys., 180 lbs...lb. .12 - —
50%, s. g., 1,347 cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, com'l. split (see Acid, castor oil, split).
tech. dms., c.l., works....lb. .27 - —
l.c.l., dms., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11⅛
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100lbs. 1.25 - —
l.c.l., 25 and over, works. 100lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
l.c.l., 25 and over, works.. 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP, dealers, cbys...lb. .06½- —
9-lb. bots.....lb. .16¼- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.— 100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1,000 lbs.....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric, USP, dom., cryst. gran., powd., bbls., 10,000 lbs. or more, one shipment. lb. .27½- —
kgs. .....lb. .28¼- —
smaller quantities.....lb. .27¾- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., wks.....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .25 - .26
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. 1.25 - 1.30
3, bls. .....lb. .80 Nom.
Agaric, white, bls.....lb. 3.00 Nom.

Acacia—Aldehyde Bisulphite

Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .52 - .60
import, bgs.....lb. .60 - —
egg, ed., dom., cryst., bbls..lb. .62 - .65
dom., pwd., dms., bbls., lb. .67 - .73
import, cs.....lb. .62 - .65
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .122 - —
tanks, frt. alld.....lb. .105 - —
Bernyl, cans.....lb. .66 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .13 - .15
dms., c.l., frt. alld.....lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
tankwagon, frt. alld....lb. .08 - —
secondary, dms., c.l., frt. pd., E. of Miss. R..lb. .068 - —
l.c.l., same terms.....lb. .073 - —
tanks, same terms.....lb. .058 - —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .90 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.00
Denatured, CD14, dms., c.l., works, E..gal. .29½- —
l.c.l., works, dms.....gal. .31½- —
tanks, E., works.....gal. .21½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .26½- —
19 bbls., E. works...gal. .28½- —
1 to 18 bbls., E. works, gal. .31½- —
dms., c.l., E. works....gal. .25½- —
19 dms., E. works...gal. .27½- —
gal. .30½- —
tanks, E. works.....gal. .19½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

SD23-G, works, E., dms..gal. .30 - —
19 dms. .....gal. .32 - —
1 to 18 dms.....gal. .35 - —
tanks .....gal. .24 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Special solvent, dms., c.l., E. works..gal. .26½- —
20 dms., E. works...gal. .28½- —
1 to 19 dms., E. works, gal. .31½- —
tanks, E. works.....gal. .20½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .16½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.53 - —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.49 - —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.46 - —
absolute, dms., c.l.....gal. 4.84½- —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —
Grain alcohol 25c. gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .073 - —
l.c.l., same terms.....lb. .078 - —
tanks, same terms.....lb. .063 - —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis.gal. .33½- —
l.c.l., same basis....gal. .38½- —
tanks, frt., alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .73
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —

V 135 N 24 JUN 1939 XUM

Aldol—Annatto

Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .38 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .43 - .44
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.80
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .30 - .32
peeled, bls.....lb. .24 - .25
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Alum, potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼- .06⅝
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
52%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02⅝- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Alumina, oleate, dms., contr..lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .16 - —
l.c.l., ton.....lb. .17 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works. 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c.l.....lb. .20 - —
l.c.l.....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 — —
ink, dms., 1,500 lbs....lb. .75 — —
standard, dms., 1,500 lbs..lb. .43 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs..lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs..lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 50,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz.17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .30
Aldehyde, dms.....lb. .68 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

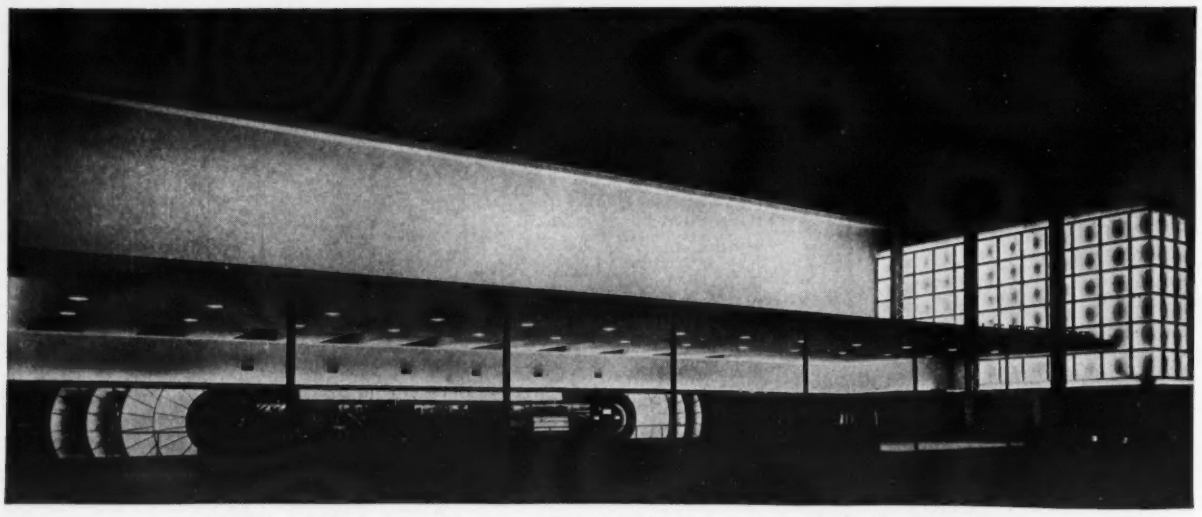
Aqua, 26°, cbys.....lb. .05 - —
dms., c.l.....lb. .02 - —
l.c.l.....lb. .02½- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit. lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works. 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs.....lb. .38 - .39
kgs.....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .25
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs.....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns.....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, dms.....lb. 1.25 - 1.27
jars.....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars.....lb. 3.45 - —
Linoleate, 80%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kegs.....lb. .16 - .18
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs.....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.30 & .70
pure, bbls.....lb. .40 - .45
csk. bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y..lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous.....lb. .22 - —
paste.....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. June shipt..ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works.....lb. .12 - .13
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 96-100%, kgs..lb. .55 - .75
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l.....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks.....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .11½- .13½
l.c.l., dlvd.....lb. .12 - .14
tanks, dlvd.....lb. .10½- .12½
cns., works.....lb. .16 - .18
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., re- turnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .20 - .21
import, natural, bls.....lb. .20 - .22
twisted, bls.....lb. .28 - .30
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs.....lb. .15½- .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07

IN STEP WITH THE PACE OF SCIENCE

PRACTICAL APPLICATION OF THE DISCOVERIES OF SCIENCE MAKES WITCO INCREASINGLY VALUABLE AS A MODERN SOURCE OF SUPPLY



COMING IDEAS IN MERCHANDISE are demonstrated in the International Hall of Science at the New York World's Fair 1939, above. Notable among these items are the many varieties of Bakelite plastic products, in the production of which three Witco products, Stearic Acid, Calcium Stearate and Titanium Dioxide, insure high quality and uniformity.

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BUY DIRECT AND PROFIT DIRECTLY

Anthracene, 80-85%, bbls., wks., lb. .55 - —
80%, bbls., wks. lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys. lb. .17 - —
Metal, spot lb. .12 - —
Needle, powd., ton lots, bulk, lb. .12 Nom.
bbls., kgs. lb. .14 - .16
Oxide, ceramic, bgs., c.l., dlvd. lb. .10 - —
l.c.l., ex whse. lb. .10½ - —
pigment, bbls., c.l. lb. .11 - —
l.c.l. lb. .11¾ - —
Salts, 65%, kgs. lb. .25¾ - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb. .11¼ - .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots. lb. 2.10 - 2.15
Apomorphine, bots. oz. 23.20 - 23.70
Archil extract, con., bbls. lb. .21 - .27
double, bbls. lb. .18 - .20
triple, bbls. lb. .18 - .20
Arecs nuts, powd., bbls. lb. .10 - .11
Arecoline hydrobromide, bots. oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 - 34.00
Arnica flowers, bls. lb. .27 - .28
Root, bls. lb. .37 - .38
Arrowroot, St. Vincent, powd., bgs. lb. .08 - .08¾
bbls. lb. .08½ - .09
Arsenic, metal, lump, cs. lb. .40 - .41
Chloride (arsenous), cns. lb. 4.85 - —
Iodide (arsenous), 5-lb. bots. lb. 5.35 - —
jars lb. 5.20 - —
Red, import, cs. lb. .15¾ - .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l. lb. 03 - —
l.c.l. lb. 03¾ - —
Asafetida, cs. lb. .23 - .24
powd., bbls., bxs. lb. .40 - .45
Asbestine (see Talc, N. Y. fibrous)
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines. ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines. ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines. ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines. ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines. ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines. ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines. ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines. ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y. lb. .02½ - —
smaller lots, f.o.b. N. Y. lb. .03½ - —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .08½ - —
smaller lots, f.o.b. N. Y. lb. .10½ - —
California, dms., c.l., f.o.b. N. Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y. ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y. ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y. ton. 35.00 - —
l.c.l., f.o.b. N. Y. ton. 55.00 - —
Asphaltum, Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y. lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points. ton. 25.50 - —
selects, bgs., c.l., Western shipt. points. ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse. ton. 51.00 - —
Jet., bgs., c.l., Western shipping points. ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery. ton. 19.00 - —
l.c.l., refinery ton. 21.00 - —
tanks, refinery ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery ton. 12.50 - 14.00
East Coast, refinery gal. .06 - .06½
Ill., Ind., refinery gal. .01½ - —
N. Orleans refinery gal. .06 - —
Atropine, bots. oz. 4.50 - 5.00
Sulphate, bots. oz. 2.60 - —
cns. oz. 2.50 - —

B

Balm of Gilead buds, bgs. lb. .26 - .28
Barberry bark, bgs. lb. .17½ - .18
Tree bark, bls. lb. .09 - .10
Barbital, cs. lb. 3.25 - 3.30
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton. 41.00 - 43.00
99% thru 200 mesh, bgs., c.l., works. ton. 43.00 - 45.00
precip., bgs., c.l., works. ton. 52.50 - —
Chicago ton. 55.00 - —
l.c.l., works ton. 57.50 - —
Chicago ton. 60.00 - —
bbls., c.l., works ton. 57.50 - —
Chicago ton. 60.00 - —
l.c.l., works ton. 62.50 - —
Chicago ton. 65.00 - —
sulphur-free, bgs., c.l., works, ton. 57.50 - —
l.c.l., works ton. 62.50 - —
Chlorate, kgs. lb. .16½ - .17½
Chloride, C.P., cryst., bbls. lb. .25 - —
kgs. lb. .27 - —
tech., domg., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line. ton. 77.00 - —
bbls., same basis. ton. 79.00 - —
l.c.l., bgs., same basis, ton. 90.00 - —
bbls., same basis. ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla. ton. 81.00 - —
bbls., same basis. ton. 83.00 - —
bbls., l.c.l., bgs., same basis, ton. 94.00 - —
bbls., same basis. ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton. 87.00 - —
bbls., same basis. ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis. ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev. ton. 83.00 - —
bbls., same basis. ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis. ton. 98.00 - —

Barium, dioxide, dms. lb. .11 - .15
Fluoride, bols. lb. .11½ - .12½
Fluosilicate, bbls. lb. .11½ - .12½
Hydrate (see Hydroxide).
Hydroxide, bbls, 46-48%. lb. .04¾ - .05¾
Iodide, bots. lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks. lb. .06¾ - .07¼
Oxide, dms. lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. lb. .09½ - .10
kgs. lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis. ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago ton. 31.15 - —
Cleveland ton. 33.50 - —
New York ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston ton. 31.70 - —
Philadelphia ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston ton. 35.20 - —
Chicago ton. 30.85 - —
Cleveland ton. 33.00 - —
Detroit ton. 33.00 - —
Kansas City ton. 30.93 - —
Los Angeles ton. 42.00 - —
New York ton. 31.50 - —
Philadelphia ton. 31.90 - —
San Francisco ton. 42.00 - —
Toronto ton. 39.50 - —
southern off color, bulk, mines, ton. 12.00 - —
95.75%, bulk, mines. ton. 16.00 - —
ore, bulk, mines. ton. 7.00 - —
Cuban, crude, c.l., c.l.f. ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a. ton. 25.00 - 26.00
l.c.l., ex whse. ton. 30.00 - —
German, ungrd., bulk, c.l., ex dock. ton. 13.00 - 14.00
Italian, grd., bbls., c.l. ex dock, t.a. ton. 29.50 Nom.
l.c.l., ex whse. ton. 32.50 - —
Bauxite, bulk, mines. ton. 7.00 - 10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls. lb. .82 - .90
Bayberry bark, bgs. lb. .13 - 15
Belladonna leaves, bls. lb. .12½ - .14
Root, bls. lb. .20 - .28
Bentonite, 200 mesh, bgs., Wyo., works. ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs. lb. .85 - —
5 to 25 lbs. lb. .99 - .95
Benzene (see benzol).
Benzidin base, bbls. lb. .70 - —
Benzol, 90%, nitration, pure, dms., works. gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .16 - —
Benzoyl chloride, cbys. lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works. lb. 1.95 - —
Benzyl acetate, f.f.c., cns. lb. .49 - —
dms. lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans, lb. .71 - —
dms. lb. .67 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns. lb. 4.15 - 5.00
Formate, cns. lb. 2.75 - 3.50
Benzylidineacetone, bots. lb. 2.00 - 3.00
Berberine bisulphate, cns. lb. 16.75 - —
Hydrochloride, cns. lb. 16.75 - —
Sulphate, cns. lb. 16.75 - —
Berberis root, bls. lb. .11 - .12
Betanaphthol, sublim., kgs. lb. .60 - —
tech., bbls., c.l., works. lb. .23 - —
l.c.l., bbls., works. lb. .24 - —
Benzoate, fib., dms. lb. 2.10 - —
kgs. lb. 2.00 - —
Betanaphthylamine, tech., kgs. lb. .51 - —
Beth root, bls. lb. .17 - .20
Bismuth chloride, 5-lb. bots. lb. 3.20 - 3.30
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars lb. 2.65 - —
Hydroxide, 5-lb. bots. lb. 3.27 - —
cns. lb. 3.15 - —
Metal, ton lots. lb. 1.10 - —
Nitrate, cryst., 5-lb. bots. lb. 1.84 - —
cns. lb. 1.20 - —
Oxychloride, 5-lb. bots. lb. 3.04 - —
cns., kgs. lb. 2.95 - —
Subbenzoate, 5-lb. bots. lb. 3.36 - —
fib., dms. lb. 1.13 - 1.16
Subcarbonate, bots., cns. lb. 1.52 - 1.78
fib. dms. lb. 1.43 - 1.46
X-ray, 5-lb. bots. lb. 2.42 - —
fib. dms. lb. 2.36 - —
Subgallate, bots., cns. lb. 1.67 - 1.95
fib. dms. lb. 1.58 - 1.61
Subiodide, cns. lb. 3.91 - —
fib., dms. lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.32 - 1.58
fib. dms. lb. 1.23 - 1.26
Subsalicylate, 62-66%, bxs. lb. 2.44 - —
bbls., fib. dms. lb. 2.35 - —
Sulphocarbolate, 5-lb. bots. lb. 3.61 - —
fib. dms. lb. 3.50 - —
Trioxide, powd., 5-lb. bots. lb. 3.56 - —
cns. lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots. lb. 3.40 - —
cns. lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms. lb. 3.05 - —
Black, acetylene, c.l., works, duty paid. lb. .14 - —
Bone, 1A, bbls., bxs., c.l., frt. alld. E. lb. .16 - —
l.c.l., frt. alld. E. lb. .16½ - —
1, bbls., bgs., c.l., frt. alld. E. lb. .12 - —
l.c.l., frt. alld. E. lb. .12¼ - —
2, bbls., bgs., c.l., frt. alld., E. lb. .10½ - —
l.c.l., frt. alld. E. lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E. lb. .09½ - —
l.c.l., frt. alld. E. lb. .10 - —
4, bbls., c.l., frt. alld. E. lb. .08½ - —
l.c.l., frt. alld. E. lb. .09 - —
5, bbls., bxs., c.l., frt. alld. E. lb. .07½ - —
l.c.l., frt. alld. E. lb. .08 - —
6, bbls., c.l., frt. alld. E. lb. .05½ - —
l.c.l., frt. alld. E. lb. .06 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E. lb. .09½ - —
8, bbls., bgs., c.l., frt. alld. E. lb. .10 - —
l.c.l., frt. alld. E. lb. .10½ - —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd. lb. .06¾ - .04¾
bgs., ctns., l.c.l., dlvd. lb. .06¾ - —
cs., l.c.l., dlvd. lb. .07½ - —
2, bgs., c.l., works. lb. .06½ - —
l.c.l., dlvd. lb. .10¾ - —
cs., l.c.l., dlvd. lb. .12 - —

Black, carbon, special, 3, bgs., c.l., works. lb. .13 - —
l.c.l., dlvd. lb. .14½ - —
cs., l.c.l., dlvd. lb. .16½ - —
4, bgs., c.l., works. lb. .27½ - —
4, cs., c.l., works. lb. .29 - —
l.c.l., dlvd. lb. .32 - —
5, bgs., cs., c.l., works. lb. .40 - —
cs., l.c.l., dlvd. lb. .44 - —
6, cs., l.c.l., dlvd. lb. .60 - —
7, cs., l.c.l., dlvd. lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra). lb. .02¾ - —
zone B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports). lb. .0810 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States). lb. .0819 - —
30,000 lbs., dlvd., Zone C, Pac. Cst. States. lb. .0835 - —
D (Ill., Ia., Wis.). lb. .08¼ - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.). lb. .0841 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.). lb. .08¾ - —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse. lb. .05¾ - —
bgs. or ctns. (seller's option), l.c.l., dlvd. lb. .06¼ - —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd. lb. .07 - —
export, full compressed, cs., f.a.s., Gulf ports. lb. .04¾ Nom.
uncompressed, cs., f.a.s., Gulf ports. lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works. lb. .07¾ - .08½
2, bbls., l.c.l., works. lb. .07 - —
pure, bbls., works. lb. .08¾ - —
Ivory, genuine, bbls. lb. .30 - —
Lamp, dom., 1, ctns., c.l., works. lb. .07 - —
l.c.l., works. lb. .08 - —
2, ctns., c.l., works. lb. .09 - —
l.c.l., works. lb. .10 - —
2A, ctns., c.l., works. lb. .11 - —
l.c.l., works. lb. .12 - —
3, ctns., c.l., works. lb. .13 - —
l.c.l., works. lb. .14 - —
4, ctns., c.l., works. lb. .14 - —
l.c.l., works. lb. .15 - —
5, ctns., c.l., works. lb. .17 - —
l.c.l., works. lb. .18 - —
6, ctns., c.l., works. lb. .24 - —
l.c.l., works. lb. .25 - —
7, ctns., c.l., works. lb. .34 - —
l.c.l., works. lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y. lb. .08 - —
l.c.l., f.o.b., N. Y. lb. .09 - —
2, bbls., c.l., f.o.b. N. Y. lb. .11 - —
l.c.l., f.o.b. N. Y. lb. .12 - —
3, bbls, c.l., f.o.b. N. Y. lb. .13 - —
l.c.l., f.o.b., N. Y. lb. .14 - —
4, bbls., c.l., f.o.b. N. Y. lb. .14 - —
5, bbls., c.l., f.o.b. N. Y. lb. .19 - —
l.c.l., f.o.b. N. Y. lb. .20 - —
6 bbls., c.l., f.o.b. N.Y. lb. .24 - —
l.c.l., f.o.b. N. Y. lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¾ - —
B, bbls., works or N. Y. lb. .05¾ - —
Black dyes are listed under Dyes.
Black Haw, root bark, bls. lb. .20 - .21
Tree bark, bls. lb. .12 - .13
Black Indian hemp root, bls. lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l. ton. 55.00 - —
l.c.l. ton. 60.00 - —
high grade precip., bgs., c.l., works, frt. equal. ton. 70.00 - —
l.c.l., same basis. ton. 75.00 - —
pulp 66⅔%, bulk, c.l., works, ton. 40.00 - 42.50
Bleaching powder, dms., c.l., works. 100 lbs. 2.00 - 2.85
l.c.l., works. 100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.60 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.65 - —
import, bgs., c.l.f. ports, shipt., unit-ton. 2.75 - —
soluble (see Albumen, blood)
Bloodroot, bls. lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts. lb. .36 - —
open order. lb. .37 - —
Celestial, bbls. lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts. lb. .36 - —
open order. lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld. lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts. lb. .36 - —
open order. lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts. lb. .45 - —
open order. lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts. lb. .36 - —
open order. lb. .37 - —
soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order. lb. .37 - —
Tungstated, peacock, kgs. lb. 3.75 - —
Victoria, kgs. lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled. lb. .11 - —
regular, 1, bbls., works, frt. equald. lb. .16 - —
2, bbls., same basis. lb. .18 - —
3, bbls., same basis. lb. .19 - —
4, bbls., same basis. lb. .20 - —
5, bbls., same basis. lb. .23 - —
6, cobalt, A, bbls., same basis. lb. .27 - —
B, bbls., same basis. lb. .24 - —
C, bbls., same basis. lb. .23 - —
D, bbls., same basis. lb. .22 - —
7, A, bbls., same basis. lb. .23 - —
B, bbls., same basis. lb. .23 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis. lb. .20 - —
3, bbls., same basis. lb. .22 - —

Anthracene—Butyl Acetate

Blue, ultramarine, special, 4, bbls., same basis. lb. .23 - —
5, bbls., same basis. lb. .26 - —
6, bbls., same basis. lb. .27 - —
pulp, 1, bbls., same basis. lb. .27 - —
2, bbls., same basis. lb. .25 - —
3, bbls., same basis. lb. .23 - —
4, bbls., same basis. lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner. lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls. lb. .13 - .14
Blue mass, USP., cns. lb. 1.10 - —
powd., cns. lb. 1.12 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works. 100 lbs. 4.10 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.25 - —
6-15 bbls., same basis, 100 lbs. 4.35 - —
1-5 bbls., same basis. 100 lbs. 4.60 - —
mononhydrated, dms., c.l., dealer, f.o.b. works. 100 lbs. 8.45 - 8.70
l.c.l. dealers. 100 lbs. 9.45 - 9.70
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago. ton. 28.00 - 29.00
import, bgs.) c.i.f. ports. ton. 24.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago. ton. 27.00 - —
import, 100-lbs. bgs., c.i.f ports, shipt. ton. 23.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago. ton. 26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports. ton. 24.50 - —
Boneset leaves, bales. lb. .07 - .08
Borage flowers, bls. lb. .17 - .18
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd. ton. 58.00 - —
l.c.l., ex whse. ton. 67.00 - 72.00
sks., contracts, 80 tons min., dlvd. ton. 48.00 - —
l.c.l., ex whse. ton. 57.00 - 62.00
gran., bbls., contracts, 80 tons min., dlvd. ton. 53.00 - —
l.c.l., ex whse. ton. 64.00 - 69.00
sks., contracts, 80 tons min., dlvd. ton. 43.00 - —
l.c.l., ex whse. ton. 54.00 - 59.00
powd., bbls., contracts, 80 tons min., dlvd. ton. 58.00 - —
l.c.l., ex whse. ton. 69.00 - 74.00
sks., contracts, 80 tons min. dlvd. ton. 48.00 - —
l.c.l., ex whse. ton. 59.00 - 64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers. lb. .11 - —
l.c.l., dealers, dms. lb. .11½ - —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies. lb. .30 - —
single pkg., same basis. lb. .35 - —
Bromoform, USP, bots. lb. 1.40 - 1.60
Bromstyrol, bots. lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs. lb. .45 - .55
moulding, cns., dms., over 10 lbs. lb. .65 - .90
printing ink, cns., dms., over 10 lbs. lb. .70 - 1.10
radiator, cns., dms., over 10 lbs. lb. .45 - .50
Broomtop, bls. lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works. lb. .10 - —
Metallic, iron oxide, bbls., works, lb. .02¼ - —
paper bags, c.l., works. lb. .0210 - —
Sienna, burnt, American bbls., works. lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points. lb. .12¼ - —
2, bbls., same basis. lb. .11¼ - —
3, bbls., same basis. lb. .10¼ - —
4, bbls., same basis. lb. .08¾ - —
5, bbls., same basis. lb. .08¾ - —
6, bbls., same basis. lb. .08¼ - —
7, bbls., same basis. lb. .08 - —
8, bbls., same basis. lb. .07¾ - —
9, bbls., same basis. lb. .07¼ - —
10, bbls., same basis. lb. .06¾ - —
11, bbls., same basis. lb. .06¼ - —
12, bbls., same basis. lb. .06¼ - —
13, bbls., same basis. lb. .06 - —
14, bbls., same basis. lb. .05½ - —
raw, American, bbls., works, lb. .02¾ - —
Italian, Group 1, bbls., f.o.b. N.Y. or works. lb. .12½ - —
Group 2, bbls., same basis, lb. .10¾ - —
3, bbls., same basis. lb. .11 - —
4, bbls., same basis. lb. .09½ - —
5, bbls., same basis. lb. .09 - —
6, bbls., same basis. lb. .08½ - —
7, bbls., same basis. lb. .07¾ - —
8, bbls., same basis. lb. .07¼ - —
9, bbls., same basis. lb. .06¾ - —
10, bbls., same basis. lb. .06 - —
11, bbls., same basis. lb. .05 - —
Umber, American, bbls., works, lb. .02½ - —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y. lb. .04 - —
St. Louis. lb. .04¾ - —
ex car Los Angeles. lb. .04½ - —
ex dock, Portland, San Francisco, Seattle. lb. .04¾ - —
ex whse., Boston. lb. .04½ - —
Chicago, Indianapolis, New Orleans. lb. .04¾ - —
l.c.l., ex whse., Kansas City. lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾ - —
Minneapolis lb. .0485 - —
Pittsburgh lb. .04¼ - —
Vandyke, bbls., l.c.l. lb. .05¾ - —
Walnut crystals, bbls. lb. .05¼ - .06
Brucine, 100 oz., cns. oz. .10 - —
Sulphate, 100 oz., cns. oz. .07 - —
Bryonia root, bls. lb. .10 - .11
Buchu leaves, bls. lb. .33 - .34
Buckthorn bark, true, bls. lb. .06 - .06½
cut and sifted, bbls. lb. .9 - .11
Berries, bgs. lb. .16 - .17
Burdock root, bls. lb. .10 - .10¼
Burgundy pitch, dom., bbls. lb. .04 - .04¼
Butanes, coml., 16-34°, tanks, group 3. gal. .03¾ - —
Butternut bark, bls. lb. .07 - .08
Butyl acetate, norm., cne., works lb. .13 - .15
dms., c.l., frt. alld. lb. .08½ - —

V 135 124 JUN 1939 XUM

Butyl Acetate—Chamomile

Butyl acetate, norm., dms., l.c.l., frt. alld..lb. .09 - —
tanks, contract, frt. alld..lb. .07½- —
tankwagons, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .068 - —
l.c.l., same terms.....lb. .073 - —
tanks, same terms.....lb. .068 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .. ..lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .75 - —
5 & 10 gal. dms., dlvd....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alid. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, pat. shapes, cs.....lb. .55 - —
commercial .....lb. .50 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb., 10,000 lbs. or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
10-lb. cns., 1,000 lbs. or more.lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .20 - .21
Calamus root, pesled, N.F., cs. lb. .14 - .15
bleached, bls. .....lb. .42 - .45
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¾
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .76 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-83%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports..ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphecarbolate, bbls., 200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .28 - .30
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.52 - —
Camphor, natural, powd., cs....lb. .48½- .49½
slabs, cs.....lb. .48½- .49½
tablets, tins.....lb. .54 - .54½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots..lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0380- .0410
Morocco, bgs. .....lb. .04¼- .04½
Turkish, bgs. .....lb. .0380- .0410
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .98
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .09½- .09¾
Carbazole, 90%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
90%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l. same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .89 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs. .....lb. .73 - .75
green, bgs. .....lb. .50 - .52
Carob bean flour (see Gum, Locust bean).
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .09 - .10
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08¼- .09
5 tons, works.....lb. .09¾- .10¼
smaller lots, works.....lb. .11 - .11¼
80-100 mesh, bgs., c.l., dlvd.. lb. .08¾- .09½
5 tons, works.....lb. .10¼- .10¾
smaller lots, works.....lb. .11¼- .11¾
import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .09¼- .09½
80-100 mesh, bgs., c.l., duty paid..lb. .09¾- .10
French, 30 mesh, bgs., c.l., duty paid..lb. .09½ Nom.
Cassia, Batavia, 1, bgs.....lb. .16 - .16½
shortstick, bls.....lb. .12½- .13
broken, bls.....lb. .10¾- .11¼
China, rolls, select, bls.....lb. .09 - .09¾
broken, extra, bls.....lb. .09½- .10
Saigon, bls. .....lb. .17¼- .17¾
Cassia, buds, cs.....lb. .15 - .15½
Cassia fistula, bakts.....lb. .08¼- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.i.f., ports, shipment..ton.19.00 - —
Catnep leaves, Southern, bls...lb. .18 - .20
western, bls. .....lb. .20 - .21
Celery seed, French, bgs.....lb. .14½- .15
Indian, bgs. .....lb. .12¼- .12¾
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., cs., frt. alld...lb. .36 - —
Acetobutyrate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .495 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .53
Acetopropionate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb. .515- —
100 to 900 lbs.....lb. .525 - .54
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .27
Roman, bls.....lb. .36 - .33

Check this list ...

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ACIDS AND HEAVY CHEMICALS

Acetic Acid, Commercial and Redistilled
Alum
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Aluminum Sulfate—Commercial
Ammonium Chloride
Ammonium Hydroxide—Commercial
Barium Chloride
Calcium Chloride
Carbon Tetra Chloride
Caustic Soda
Chlorosulfonic Acid
Chromic Acid
C.P. Acids and Ammonium Hydroxide
Formic Acid
Glauber's Salt (Sodium Sulfate)
Hydrofluoric Acid
Lactic Acid—Technical and Edible
Mixed Acid
Muriatic Acid
Nitric Acid
Oleum
Salt Cake
Sodium Hyposulfite
Sodium Metasilicate
Sodium Phosphate
Sodium Silicate
Sodium Sulfate
Sodium Sulfide
Sodium Sulfite, Crystal
Stannous Chloride, Crystal
Sulfuric Acid
Tetra Sodium Pyro Phosphate
Tri Sodium Phosphate
Zinc Chloride
Zinc Sulfate

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Fire Retardants
Sulfamic Acid
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Potassium Silicate
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Zinc Slab
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Zinc Anodes

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Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.60 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.32.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks...lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .96
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works..lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 180-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works...lb. .17 - —
solut., 8%, cs, bbls.....lb. .05 - .06
Cake, bulk, c.l., works.....ton.14.00 -15.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .50 - .52
20 in., thick, cs.....lb. .55 - .60
20 in., medium, cs.....lb. .53 - .55
USP, broken quill, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .25 - .26
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .14 - .14½
3 bls.....lb. .13¾- .14¼
Citral, bots., cns.....lb. 1.40 - 2.10
Citrine ointment, jars, tubes..lb. .78 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls.....lb. .16 - .17
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .19 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .14 - .15
Cocoa butter, lump, bgs., c.l.lb. .10½- .10¾
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06½- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.18.00 - —
single ozs.....oz.19.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .26
Colombo root, bls.....lb. .07 - .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S. A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14 - .15
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10 - .10½
Nitrate, cryst., bbls.....lb. .1480- .1530
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80% bbls., tons, works..lb. .15 - .16
Red, com'l., 80-88%, kgs., f.o.b. N. Y..lb. .15¾- .16¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0195 Nom.
Coriander seed, Morocco, bgs..lb. .04 - .04½
bleached, bgs.....lb. .06½- .06¾
Corn sugar, chipped, bgs., c.l., dlvd..100 lbs. 3.04 - —
slabs, bbls., c.l.....100 lbs. 2.96 - —
solid, bbls., c.l.....100 lbs. 3.08 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.07 - —
43°, bbls., c.l.....100 lbs. 3.12 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.32 - —
gran., powd., dms., 50 lbs. or more..lb. 1.17 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls....lb. .20 - .22
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .09½- —
l.c.l., same basis.....lb. .10 - —
special resin grade, dms., c.l., works..lb. .08¼- —
l.c.l., same basis.....lb. .08¾- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .14 - .16
Cumin seed, Algerian, bgs....lb. .08 - .08¼
Morocco, bgs.....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamide, 27%NH₃, pulv., bgs., dlvd., contracts, NH₃-unit-ton. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75% gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —

D

Damiana leaves, bls.....lb. .15½- .16
Dandelion root, German, bls...lb. .14 - .15
Deertongue leaves, bls.....lb. .09½- .10
Degras, common, dom., bbls...lb. .07 - .08
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .32
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.85
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.80 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
Potato, import, bgs.....lb. .07 - .07¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd. .....lb. .21½- —
tanks, dlvd. .....lb. .20 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.22.00 -28.00
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
tanks, dlvd. .....lb. .18 - —
cns., works .....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniline, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .14 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works..lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .37 - .38
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18¾- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd. .....lb. .17¾- —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15¼- —
oily, dms. .....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls. .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans, lb.13.50 - —
1180 Sodium indigo disulphonate, cns..lb.13.50 - —
Green:—
Fastgreen FCF, cns..lb.27.50 - —
666 Guinea green B., cns. lb.13.50 - —
670 Light green SF, yellowish, cns..lb.17.50 - —
Orange:—
150 Orange I, cns.....lb. 2.90 - —
Red:—
184 Amaranth, cns.....lb. 3.15 - —
773 Erythrosin, cns.....lb.17.50 - —
80 Ponceau 3R, cns.....lb. 6.00 - —
Ponceau SX, cns.....lb. 5.75 - —
Yellow:—
10 Naphthol yellow S, cns.lb. 8.50 - —
Sunset yellow FCF, cns. lb. 3.15 - —
640 Tartrazin, cns.....lb. 3.15 - —
22 Yellow AB, cns.....lb. 2.65 - —
61 Yellow OB, cns.....lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
218 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B..lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25

Charcoal—Dyes

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade.lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

Echinacea Root—Gum, Mastic

E

Echinacea root, bls.....lb. .16½- .17
Egg albumen (see Albumen).
Egg yolk, bbls.....lb. .60 - .62
Elder flowers, bright, bls.....lb. .19 - .21
Elecampane root, bls.....lb. .09½- .10
Elm bark, grinding, bls.....lb. .10 - .11
Elm bark, powd., bbls., bxs.....lb. .20 - .21
Elm bark, select, bndls.....lb. .24 - .26
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .09 - .10
Ephedrine, tins, 1,000 ozs....oz. 1.25 - —
Ephedrine, tins, 100 ozs.....oz. 1.35 - —
Ephedrine Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
Ephedrine, tins, 100 oz., lots.....oz. 1.35 - —
Epsom Salt, Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
Epsom salt, tech., tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
Epsom salt, tech., bbls.....100 lbs. 1.90 - —
Epsom salt, USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
Epsom salt, USP, l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
Epsom salt, USP, smaller lots....100 lbs. 2.50 - —
Epsom salt, USP, bbls., c.l.....100 lbs. 2.10 - —
Epsom salt, USP, l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
Epsom salt, USP, smaller lots....100 lbs. 2.60 - —
Epsom salt, USP, kgs., c.l.....100 lbs. 2.35 - —
Epsom salt, USP, l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
Epsom salt, USP, smaller lots....100 lbs. 2.85 - —
Epsom salt, USP, dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cns., dms.....lb. 1.35 - 1.40
Eserine, bots.....oz.35.00 - —
Eserine, Salicylate, bots.....oz.27.00 - —
Eserine, Sulphate, bots.....oz.28.00 - —
Ether, acetic (see Ethyl acetate)
Ether, Butyl, dms., c.l., dlvd.....lb. .24½- —
Ether, l.c.l., dlvd.....lb. .25 - —
Ether, cns.....lb. .28 - .31
Ether, Ethyl (see Ether, sulphuric).
Ether, Nitrous, conc., bots., 100 lbs., lb. .68 - —
Ether, Sulphuric, conc., dms., 120 lbs., lb. .09 - —
Ether, cns., 27 lbs.....lb. .14 - —
Ether, synth., dms., c.l., works..lb. .08 - —
Ether, l.c.l., works.....lb. .09 - —
Ether, USP, anesthesia, dms., 27 lbs., lb. .26 - —
Ether, USP, 1880, dms.....lb. .39 - .40
Ether, washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
Ethyl acetate, l.c.l., frt. a...d..lb. .066 - —
Ethyl acetate, tanks, frt. alld.....lb. .061 - —
Ethyl acetate, 98-99%, dms., c.l., frt. alld..lb. .0685- —
Ethyl acetate, l.c.l., frt. alld.....lb. .0735- —
Ethyl acetate, tanks, frt. alld.....lb. .0585- —
Ethyl alcohol, N. F., VI, 90%, dms., 400 lbs..lb. .08 - —
Ethyl alcohol, cns., 35 lbs.....lb .12 - .13
Ethyl alcohol, USP, VIII, 95%, dms., 460 lbs..lb. .07 - —
Ethyl alcohol, cns., 35 lbs.....lb .12 - —
Ethyl Acetoacetate, dms., c.l., works, lb. .27½- —
Ethyl Acetoacetate, l.c.l., dms., works.....lb. .28 - —
Ethyl Bromide, tech., dms.....lb. .50 - .55
Ethyl Caproate, cns.....lb. 1.00 - —
Ethyl Chloride, dms.....lb. .18 - .20
Ethyl Cinnamate, cns.....lb. 3.20 - 4.00
Ethyl Crotonate, 55 and 110 gal. dms., dlvd..lb. .75 - —
Ethyl Crotonate, 5 and 10 gal. dms., dlvd..lb. 1.00 - —
Ethyl Formate, cns., dms.....lb. .23 - .24
Ethyl Iodide, bots.....lb. 5.01 - —
Ethyl Lactate, 55-gal. dms., works, lb. .33½- —
Ethyl Lactate, 5-gal. dms., works.....lb. .37½- —
Ethyl Oxalate, dms., frt. alld.....lb. .25 - —
Ethyl Silicate, l.c.l., dms., works..lb. .77 - —
Ethylidin Vanillin, 25 lbs. lots., cns., lb. 5.25 - —
Ethylidin Vanillin, 5 lb. lots.....lb. 5.30 - —
Ethylidin Vanillin, 1 lb. lots, cns.....lb. 5.40 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
Ethylcellulose, contracts, 500 lbs. or more, frt. alld..lb. .47 - —
Ethylcellulose, 500 lbs. or more, frt. alld., lb. .48 - —
Ethylcellulose, 100 to 499 lbs., frt. alld., lb. .50 - —
Ethylcellulose, smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Ethylene Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0550
Ethylene Dichloride, West of Rockies, same basis..lb. .0595- .06
Ethylene Dichloride, l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0650
Ethylene Dichloride, West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
Ethyleneglycol, l.c.l. .....lb. .17 - .20
Ethyleneglycol, tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
Monobutylether, l.c.l., works.....lb. .19 - .22
Monobutylether, tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
Monoethylether, l.c.l., works.....lb. .16 - —
Monoethylether, tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .18 - —
Monoethylether, l.c.l., dms. .....lb. .14 - —
Monoethylether, tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
Monomethylether, l.c.l., works.....lb. .18 - —
Monomethylether, tanks, works.....lb. .16 - —
Ethylidinaniline, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .57 - .59
Eucalyptus leaves, bls.....lb. .07 - .08
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
Feldspar, glass, 20 mesh, bulk, works.ton. 9.75 -13.25
Feldspar, pottery, bulk, Me., works...ton.17.00 -19.00
Feldspar, N.C. works .....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .09½- .10
Fennel seed, Indian, bgs.....lb. .09 - .09½
Fennel seed, German, large, bgs.....lb. .18 Nom.
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
Ferric Sulphate, l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .09½- —
Film scrap, colors, dark, smaller lots, works...lb. .10½- —
Film scrap, light, cs., 1,000 lbs. or over, works..lb. .10½- —
Film scrap, light, smaller lots, works...lb. .11½- —
Filter paper, water white, cs., 1,000 lbs., or over, works..lb. .11½- —
Filter paper, smaller lots, works...lb. .12½- —
Fir balsam, Canada, cns....gal 1.00 - 1.10
Fir balsam, Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.35 & .10
Fish scrap, grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.50.00 - —
Fish scrap, wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.35 & .50
Fish scrap, sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, July, shipt..ton.47.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .10½- .11
Flaxseed, Indian, blonde, bgs.....lb. .07 - 07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net-ton.30.00 -31.60
Fluorspar, washed gravel, 85-5, f.o.b. Ill.-Ky. mines..net ton.17.00 -18.00
Fluorspar, No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.18.00 -19.00
Fluorspar, imported, 85.5, duty paid, short ton.21.50 -22.00
Formaldehyde, bbls., c.l., works, lb. .06¾- —
Formaldehyde, l.c.l. works.....lb. .06¼- —
Formaldehyde, dms., c.l., works.....lb. .05½- —
Formaldehyde, l.c.l., works.....lb. .05¾- —
Formaldehyde, tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
Fullers earth, import, bgs., c.l., ex dock..ton.23.00 - —
Fullers earth, l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
Furfural, l.c.l., works.....lb. .17½- .25
Furfural, tech., dms., contracts, 150,000 lbs..lb. .10 - —
Furfural, c.l., works.....lb. .12½- —
Furfural, l.c.l., works.....lb. .15 - .20
Furfural, tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .13 - .16½
Fustic extract, cryst., bbls .....lb. .09½- .12
Fustic extract, liquid, bbls.....lb. .09½- .12
Fustic extract, solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .18 - .19
Gall nuts, Alleppo, whole....lb. .22½- .23
Gambier, common, cases.....lb. .06¾ Nom.
Gambier, plantation, cases.....lb. .08½- .09¼
Gambier, Cubes, Singapore, cases....lb. .08½- .09½
Gambier, extract, bbls. .....lb. .06½- .09¼
Gasoline at refinery:—
Gasoline, Bayonne, US motor, below 65 octane, tanks..gal. .06¼- .06⅜
Gasoline, 65 octane and above, tanks, gal. .06¼- .06½
Gasoline, California, 54-58, tanks...gal. .06½- .08
Gasoline, Gulf Coast, U.S. Motor, bulk, gal. .05⅝- —
Gasoline, 60-62, 390 e.p., bulk, export, gal. .05⅝- —
Gasoline, 60-62, 400 e.p., bulk, export, gal. .05½- —
Gasoline, 64-66, 375 e.p., bulk, export, gal. .05⅝- —
Gasoline, Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
Gasoline, 63-66 octane, tanks....gal. .04¼- .04½
Gasoline, 67-69 octane, tanks....gal. .04½- .04⅝
Gasoline, 70-72 octane, tanks....gal. .04⅝- .05½
Gasoline, Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¼- .04½
Gasoline, third grade, tanks..gal. .04¼- .04½
Gasoline, 63-66 octane, tanks....gal. .04½- .04¾
Gasoline, 67-69 octane, tanks....gal. .04¾- .05
Gasoline, 70-72 octane, tanks....gal. .05 - .05¼
Gasoline, natural, 12-lb. v. p., tanks, gal. .06⅛- .06⅜
Gasoline, 14-lb. v.p., tanks.....gal. .03½- —
Gasoline, 18-lb. v.p., tanks.....gal. .02½- .02⅝
Gasoline, 22-lb. v.p., tanks.....gal. .02⅝- —
Gasoline, 26-70 lb. v.p., tanks...gal. .02½- —
Gasoline, below 60 octane tanks.gal. .04¼- .04¾
Gasoline, 65 octane, tanks.....gal. .06¼- —
Gasoline, 52-56 450 e.p., naphtha, tanks..gal. .04⅝- .05
Gelatin, silver, cs.....lb. .42 - .45
Geliseminum root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07 - .07½
Geranium, grd., bbls., bxs.....lb. .09½- .10
Geranium, powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .04½- .04¾
Ginger, Cochin, lemon, bgs.....lb. .06¾- .07½
Ginger, Jamaica, bold, bgs.....lb. .12 - .13
Ginger, grinding, bright, bgs...lb. .07½- .07⅝
Ginger, medium, bgs.....lb. .09½- .10
Ginger, Japanese, bgs. .....lb. .05¾- .06¼
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Ginseng Root, cultivated, cs.....lb. 6.00 - 7.00
Ginseng, wild, Southern, cs.....lb.10.00 -14.00
Glauber's salt, anhyd. (See Soda Sulphate).
Glauber's salt, cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
Glauber's salt, 5 tons or over, works... 100 lbs. 1.05 - 1.23
Glauber's salt, less than 5 tons, works.. 100 lbs. 1.15 - 1.35
Glauber's salt, import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
Glue, bone, l.c.l., dlvd.....lb. .12 - —
Glue, 36/58, bgs., c.l., dlvd....lb. .11 - —
Glue, l.c.l., dlvd.....lb. .11½- —
Glue, 58/82 bgs., c.l., dlvd....lb. .12½- —
Glue, l.c.l., dlvd.....lb. .13 - —
Glue, 82/108, bgs., c.l., dlvd...lb. .13 - —
Glue, l.c.l., dlvd.....lb. .13½- —
Glue, hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
Glue, l.c.l., same basis.....lb. .15½- —
Glue, 60/164, bgs., c.l., same basis, lb. .16½- —
Glue, l.c.l., same basis.....lb. .17 - —
Glue, 67/122, bgs., c.l., same basis, lb. .17½- —
Glue, l.c.l., same basis.....lb. .18 - —
Glue, 75/222, bgs., c.l., same basis, lb. .18½- —
Glue, l.c.l., same basis.....lb. .19½- —
Glue, 88/251,bgs.,c.l.,same basis.lb. .19½- —
Glue, l.c.l., same basis.....lb. .20½- —
Glue, 92/283,bgs.,c.l.,same basis.lb. .20½- —
Glue, l.c.l., same basis.....lb. .21½- —
Glue, 102/315, bgs., c.l., same basis, lb. .21 - —
Glue, l.c.l., same basis.....lb. .22 - —
Glue, 113/347, bgs., c.l., same basis, lb. .22 - —
Glue, l.c.l., same basis.....lb. .23 - —
Glue, 125/379, bgs., c.l., same basis, lb. .23 - —
Glue, l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
Glycerin, C.P., dms., c.l., dlvd.....lb. .12½- —
Glycerin, C.P., l.c.l., dlvd.....lb. .13 - —
Glycerin, C.P., tanks, dlvd.....lb. .12½- —
Glycerin, dynamite, dms.....lb. Nominal.
Glycerin, high gravity, dms., c.l., dlvd.lb. .12 - —
Glycerin, high gravity, l.c.l., dlvd.....lb. .12½- —
Glycerin, high gravity, tanks, dlvd.....lb. .11¾- —
Glycerin, saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .09 - —
Glycerin, saponification, basis 88%, for industrial users, special colors, dms., returnable, l.c.l., same basis....lb. .09½- .10
Glycerin, saponification, basis 88%, for industrial users, special colors, dms., returnable, tanks .....lb. .08¾- —
Glycerin, saponification, basis 88%, for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .08⅞
Glycerin, saponification, basis 88%, soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .07⅞
Glycol boriborate, dms.....lb. .22 - —
Glycol Phthalate, dms.....lb. .38 - —
Glycol Stearate, dms.....lb. .24 - —
Gold, U.S. purchase price.....oz.35.00 - —
Gold Chloride, acid brown, bots..oz.20.75 -21.00
Gold Chloride, yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
Gold, USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .11½- .12
Goldenseal root, bls.....lb. 2.75 - 2.80
Goldenseal powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .35 - .36
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
Graphite, bbls., c.l., works.....lb. .06½- —
Graphite, l.c.l., works.....lb. .06½- —
Graphite, powd., amorph., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works...lb. .02½- —
Graphite, 65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
Graphite, l.c.l., works.....lb. .03¼- —
Graphite, 80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
Graphite, bbls., c.l., works.....lb. .03¾- —
Graphite, l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04¾- .04⅞
Grease, White, trcs.....lb. .05½- .05½
Grease, Yellow, trcs.....lb. .04¾- .05
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
Green, chrome, 6-10%, bbls., same basis, lb. .23 - —
Green, chrome, 11-15%, bbls., same basis.lb. .25 - —
Green, chrome, 16-20%, bbls., same basis.lb. .23½- —
Green, chrome, 21-25%, bbls., same basis.lb. .24 - —
Green, chrome, 26-30%, bbls., same basis.lb. .24½- —
Green, chrome, 31-35%, bbls., same basis.lb. .25½- —
Green, chrome, 36-40%, bbls., same basis.lb. .27 - —
Green, chrome, 41-45%, bbls., same basis.lb. .28½- —
Green, chrome, 46-50%, bbls., same basis.lb. .30 - —
Green, chrome, reduced, C.P., color content up 5%, same basis..lb. .06 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss. N. C., S. C., Tenn., Texas (Dallas, Ft Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Green, chrome, reduced, C.P., color content up 5%, same basis..lb. .06 - —
Green, chrome, 6-10%, bbls., same basis.lb. .06¾- —
Green, chrome, 11-13%, bbls., same basis.lb. .07¼- —
Green, chrome, 14-16%, bbls., same basis.lb. .07½- —
Green, chrome, 17-19%, bbls., same basis.lb. .07¾- —
Green, chrome, 20-21%, bbls., same basis.lb. .08 - —
Green, chrome, 22-23%, bbls., same basis, lb. .08¼- —
Green, chrome, 24-25%, bbls., same basis.lb. .08½- —
Green, chrome, 26-27%, bbls., same basis.lb. .08¾- —
Green, chrome, 28-29%, bbls., same basis.lb. .09¼- —
Green, chrome, 30-31%, bbls., same basis.lb. .10 - —
Green, chrome, 32-33%, bbls., same basis.lb. .11¼- —
Green, chrome, 34-35%, bbls., same basis.lb. .12¼- —
Green, chrome, 36-40%, bbls., same basis.lb. .14¼- —
Green, chrome, 41-45%, bbls., same basis.lb. .16¼- —
Green, chrome, 46-50%, bbls., same basis.lb. .16¾- —
Green, chrome, 51-55%, bbls., same basis.lb. .17¼- —
Green, chrome, 56-60%, bbls., same basis.lb 17¾- —
Green, chrome, 61-65%, bbls., same basis.lb 18¼- —
Green, chrome, 66-70%, bbls., same basis.lb 19¼- —
Green, chrome, 71-75%, bbls., same basis.lb 20¼- —
Green, chrome, Oxide, doma., pure, bbls...lb. .23 - —
Green, chrome, ceramic, light shades, bbls., c.l., works..lb. .28 - —
Green, chrome, l.c.l., works .....lb. .30 - —
Green, chrome, standard grade, bbls., works..lb. .21 - .22
Green, chrome, tetrahydroxide, bbls.lb. .85 - —
Green, Paris (see P).
Green, Tungstated, brilliant, kgs....lb. 2.50 - —
Green, emerald, kgs.....lb. 2.35 - —
Green, Verditris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
Guaiac resin, strained, cs.....lb. .75 - .80
Guaiac, Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Guaiacol Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aloe (see A).
Gum, Ammoniac, tears., cs.....lb. .85 - .90
Gum, Arabic, amber sorts, cleaned, bgs..lb. .10¼- .10⅝
Gum, white sorts, 1, bgs.....lb. .23 - .24
Gum, 2, bgs. .....lb. .21 - .22
Gum, powd., bbls. .....lb. .12½- .13⅝
Gum, Asafetida (see A).
Gum, Asphaltum (see A).
Gum, Benzoin, Siam, cs.....lb. 1.40 - 1.60
Gum, Sumatra, cs.....lb. .17 - .18
Gum, Camphor (see C).
Gum, Chicle, prime, 35% moisture, bgs., ton lots..lb. .38 - .39
Gum, Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yucca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Gum, Congo 2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
Gum, 3, selected pale straw bold, bgs., c.l., same basis..lb. .17½- —
Gum, 4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
Gum, 5, pale, straw bold, bgs., c.l., same basis..lb. .14½- —
Gum, 6, pale amber bold, bgs., c.l., same basis..lb. .14⅝- —
Gum, 7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
Gum, 8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
Gum, 9, medium light amber, bold, bgs., c.l., same basis..lb. .08⅝- —
Gum, 10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
Gum, 11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
Gum, 12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
Gum, 13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
Gum, 14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .15⅝- —
Gum, 15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06⅞- —
Gum, 16, inferior ivory sorts, bgs., c.l., same basis..lb. .05⅝- —
Gum, 17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
Gum, 18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
Gum, copal, congo, 19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
Gum, 20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
Gum, 21, ordinary selected nubs, c.l., same basis..lb. .06⅝- —
Gum, 22, small mixed nubs, bgs., c.l., same basis..lb. .06¼- —
Gum, 23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
Gum, 24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12⅜- —
Gum, 25, No 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
Gum, 26, pale, bold chips, bgs., c.l., same basis..lb. 06 - —
Gum, 27, pals small chips, bgs., c.l., same basis..lb. .05⅝- —
Gum, 28, pale dust, bgs., c.l., same basis..lb. .04⅜- —
Gum, East India, Batu, bold scraped, bgs., c.l., same basis..lb. .05 - —
Gum, unscraped, o g s . . c.l., same basis..lb. .04 - —
Gum, chips, bgs., c.l., same basis, lb. .04 - —
Gum, dust, bgs., c.l., same basis..lb. .03⅜- —
Gum, nubs and chips, bgs., c.l., same basis..lb. .04 - —
Gum, black, bold, scraped, bgs., c.l., same basis..lb. .06⅜- —
Gum, unscraped, bgs., c.l., same basis..lb. .04¼- —
Gum, nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Gum, Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .11⅝- —
Gum, chips, bgs., c.l., same basis..lb. .05⅝- —
Gum, dust., bgs., c.l., same basis..lb. .03⅜- —
Gum, nubs, bgs., c.l., same basis..lb. .09¼- —
Gum, Singapore, Rasak, bold, bgs., c.l., same basis.....lb. .14 - —
Gum, chips, bgs., c.l., same basis, lb. .05⅞- —
Gum, dust, bgs.,c.l.,same basis.lb. .03¾- —
Gum, nubs, bgs., c.l., same basis, lb. .09¾- —
Gum, Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11¼- —
Gum, light, bskts., c.l., same basis..lb. .13⅝- —
Gum, Loba A, bskts., c.l., same basis..lb. .11 - —
Gum, B, bskts.,c.l.,same basis.lb. .10¾- —
Gum, C, bskts., c.l., same basis, lb. .10⅜- —
Gum, CNE, bskts., c.l., same basis..lb. .06½- —
Gum, D, bskts., c.l., same basis, lb. .08⅜- —
Gum, DK, bskts., c.l., same basis, lb. .06¼- —
Gum, dust, bskts.,c.l., same basis, lb. .05½- —
Gum, Sambas and white split chips, bskts, c.l., same basis..lb. .14 - —
Gum, Singapore, dust., bskts., c.l., same basis..lb. .05½- —
Gum, spirit-soluble, CBB, bskts., basis..lb. .08½- —
Gum, DBB, bskts., c.l., same basis..lb. .08¾- —
Gum, MA, bskts., c.l., same basis, lb. .06⅜- —
Gum, MB, bskts., c.l., same basis, lb. .06 - —
Gum, WS, bskts., c.l., same basis, lb. .08¼- —
Gum, Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06⅜- —
Gum, chips, pale, bskts., c.l., same basis..lb. .09½- —
Gum, chips, pale, small, bskts., c.l., same basis..lb. .08¼- —
Gum, extra pale sorts, bskts., c.l., same basis..lb. .09⅝- —
Gum, nubs, bskts., c.l., same basis..lb. .10⅜- —
Gum, pale, scraped, bskts., c.l., same basis..lb. .11⅝- —
Gum, seeds and dust, bskts., c.l., same basis..lb. .06½- —
Gum, Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
Gum, mixed, bgs., c.l., same basis..lb. .13⅝- —
Gum, split, bgs., c.l., same basis, lb. .12 - —
Gum, chips, bgs., c.l., same basis, lb. .07½- —
Gum, nubs, bgs., c.l., same basis. lb. .10½- —
Gum, Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .20 - —
Gum, A/D, cs., c.l., same basis..lb. .13⅝- —
Gum, A/E, cs., c.l., same basis..lb. .11⅝- —
Gum, B, cs., c.l., same basis..lb. .18½- —
Gum, C, cs. c.l., same basis....lb. .14¼- —
Gum, D, cs., c.l., same basis...lb. .12½- —
Gum, dust., cs., c.l., same basis.lb. .05⅝- —
Gum, E, cs., c.l., same basis...lb. .07⅝- —
Gum, F, cs., c.l., same basis...lb. .07¼- —
Gum, Singapore 1, cs., c.l., same basis..lb. .13⅝- —
Gum, 2, cs., c.l., same basis....lb. .10⅞- —
Gum, 3, cs., c.l., same basis....lb. .05⅝- —
Gum, chips, cs., c.l., same basis.lb. .09¼- —
Gum, dust., cs., c.l., same basis, lb. .05⅝- —
Gum, seeds, cs., c.l., same basis, lb. .07⅜- —
Gum, Elemi, cns., c.l., same basis as copal..lb. .08½- —
Gum, Ester, dms., dlvd. New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contra. or single shipt., 10,000 lbs., lb. .06 - .06¾
Gum, Ester, less than 10,000 lbs., same basis..lb. .06½- .07
Gum, Ester, dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contra. or straight c.l. .....lb. .06¾- .07
Gum, Ester, l.c.l., same basis .....lb. .07 - .07⅛
Gum, Ester, dlvd., elsewhere, 75,000 lbs., contra. or straight, c.l..lb. .07 - .07¼
Gum, Ester, l.c.l., same basis.....lb. .07¼- .07⅜
Gum, Euphorbium, cs. .....lb. .22 - .29
Gum, Galbanum, cs. .....lb. 1.00 - 1.50
Gum, Gamboge, pipe, cs.....lb. .55 - .60
Gum, Gamboge, powd., bbls.....lb. .60 - .65
Gum, Ghatti, soluble, bgs.....lb. .11 - .18
Gum, Ghatti, superior, bgs. .....lb. .09 - .11
Gum, Guaiac (see Gualac resin).
Gum, Karaya, bbls., bxs., dms....lb. .14 - .29
Gum, Kauri, brown, XXX, cs., c.l., lb. .60 - —
Gum, BX, cs., c.l., same basis..lb. .38 - —
Gum, B1, cs., c.l., same basis..lb. .28 - —
Gum, B2, cs., c.l., same basis..lb. .24 - —
Gum, B3, cs., c.l., same basis..lb. .18½- —
Gum, 80% chips, cs., c.l., same basis..lb. .12½- —
Gum, pale, XXX, cs., same basis. lb. .61 - —
Gum, 1, cs., c.l., same basis..lb. .41 - —
Gum, 2, cs., c.l., same basis..lb. .24 - —
Gum, 3, cs., c.l., same basis..lb. .17¾- —
Gum, Kino, tins.....lb. 3.50 Nom.
Gum, Locust bean, powd., bbls.....lb. .16 - .30
Gum, Mastic, cs., c.l., same basis as copal..lb. .55 - .58

Gum, myrrh, USP, cs.....lb. .39 - .40
Olibanum, siftings, bls.....lb. .07½- .10
tears, cs. .....lb. .18 - .34
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .35 - .37
sorts, bgs. .....lb. .09½- .09½
Talha, bgs.....lb. .07½- .08
Thus, bbls. .....200 lbs.14.50 -14.75
Tragacanth, Alleppo, 1 cs...lb. 2.25 - 2.35
2, cs. .....lb. 1.90 - 1.95
3, cs. .....lb. 1.60 - 1.65
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .11½- .12
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03½- —
tanks, works.....lb. .02½- —
Hempseed, Manchur, bgs.....lb. .05½- .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .08 - .09
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
Hexamethylenetetramine, U.S.P., fib. ctns., works..lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs. .....oz.13.00 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.65- —
Hops, N. F., bls.....lb. .15 - .20
Horehound, bls.....lb. .08 - .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.15.25 - —
cns., 16 ozs. .....oz.15.00 - —
Hydrochloride, bots., 4 ozs...oz.15.25 - —
cns., 16 ozs. .....oz.15.00 - —
Sulphate, bots., 4 ozs.....oz.16.25 - —
cns., 16 oz. .....oz.16.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.14.00 -15.00
Hyoscyamine, bots. .....oz.10.00 - —
Hydrobromide, bots. .....oz.10.00 - —
Sulphate, bots. .....oz.10.00 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.00 - 1.05
powd., bxs.....lb. 1.10 - 1.15
Irish moss, ordinary, bls.....lb. .09 - .10
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .21
Iron acetate, N. F. IV, cbys. 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., divd.....lb. .03 - —
l.c.l., divd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms..... .100 lbs. 5.00 - 6.60
Iron, chloride, cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06½- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots .....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .096 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks, E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. alld..lb. .05½- —
Alcohol (see Alcohol).
Isopropyl ether, dms., 5 gal., frt. alld..gal. .52 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .30 - —
l.c.l., E. of Miss., frt. alld..gal. .40 - —
W. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .15 - .18
powd., bbls., bxs.....lb. .20 - .22
Juniper berries, bgs.....lb. .05 - .05½

K

Kamala, tins.....lb. .21 - .22
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½- .13
Kerosene, at refinery:
Bayonne, 41-43 w.w., tanks.gal. .04½- .04⅝
Gulf ports, p.w., bulk, export, gal. .03⅝- .03¾
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w, bulk..gal. .04 - .04⅜
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞- .04½
42-44 w.w., tanks.....gal. .04¼- .04⅝
Pennsylvania, 45 w.w., tanks, gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04⅝- .05
47 w.w., tanks.....gal. .04⅞- .06½
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapol's .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ ogs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .38 - .40
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 6.50 - 6.75
Middlewestern, trcs...100 lbs. 6.60 - 6.70
Neutral, trcs. .....100 lbs. 7.50 - 7.75
Western, choice, trcs..100 lbs. 6.65 - 6.75
Compound, trcs. .....100 lbs. 8.75 - 9.00
Larkspur seed, bgs. .....lb. .33 - .34
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .04 - .04½
Lavender flowers, ordinary, bls.lb. .25 - .27
medium, bls.....lb. .34 - .35
select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., c.l., dealers..lb. .10 - .11
l.c.l., bgs., dealers.....lb. .1015- .11½
Lead arsenate prices are works or whse basis. frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups
Lead, blue, basic sulphate, bbls., c.l., dvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
other points .....lb. .07¼- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, etc.....lb. .08½- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .07¾- —
other points.....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc...lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
96%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .08 - —
other points.....lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
Resinate, fused, 15%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse....lb. .10¼- —
smaller lots, E. frt. alld. lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07¼- —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06¼- —
other points.....lb. .06¾- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers..lb. .12¼- —
dealers .....lb. .10¼- —
painters .....lb. .11¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .15 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va...ton. 7.00 - —
Menominee, Mich ....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - -

Gum, Myrrh—Lycopodium

Lime, chemical (quicklime), lump or pebble, f.o.b., Rincon, Cal..ton.13.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Stringfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte,, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .13 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .16
Zone 4, tanks, dealers, wks., gal. .09 - —
dms., wks, except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers.....gal. .09½- —
30-50 dms.....gal. .11 - .15
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.
Linalool, cns.....lb. 2.10 - 2.30
Linalyl acetate, cns., 25 lbs...lb. 1.85 - 2.25
Linden flowers, with leaves, bls.lb. .26 - .27
without leaves, bls.....lb. .18 - .19
Linseed, cake, bgs., export....ton.28.00 -28.50
Meal, 34%, bgs.....ton.38.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06¼- —
dlvd., other points....lb. .06¼- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.80 - —
50 lbs., works.....lb. 1.96 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse., Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04½- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .20 - .21
Lobelia herb, bls.....lb. .11 - .12
Seed, bxs.....lb. .84 - .85
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .84 - .86
import, bls.....lb. .35 - .37
Lupulin, N. E., tins.....lb. 1.50 - 1.65
Lycopodium, cs.....lb. 1.15 - 1.20

JUN 1939 XUM

Mace—Methyl Violet

M

Mace, Banda, cs.....lb. .53½- .54½
Batavia, cs.....lb. .32½- .33
Siauw, cs.....lb. .43 - .44
Madder, Dutch, bbls.....lb. .22 - .26
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l.....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l.....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l.....lb. .09¼- —
USP, Zone 1., bbls., c.l....lb. .08¼- —
l.c.l.....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l.....lb. .10¼- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.,; prices f.o.b., Plymouth Meeting House, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09¼- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bags.....ton.56.00 -60.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .28 - —
Trisilicate, cs., 500-lb. lots..lb. .55 - —
100-lb. lots.....lb. .65 - —
cns.....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09 - .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07¾
Dioxide, African, battery, 84-87% bgs., 28-40 tons, works..ton.54.50 - —
5-15 tons, works.....ton.57.50 - —
¼-4 tons, works.....ton.62.50 - —
300-600 lbs., works..ton.72.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton.49.25 - —
l.c.l., 5 tons, works, ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000-lb. lots..lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .28 - .29 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSo_4$, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l c.l., 5 tons, works...lb. .03¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., non-fiberous shipt..ton.25.25 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb 1.05 - 1.10
commercial, cryst., bbl., ton lots, works..lb. .46 - —
smaller lots, works.....lb. .57 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .25 - .25½
Tunisan, bls.....lb. .23 - .24
Matico leaves, bls.....lb. .22 - .23
Menthol, USP, natural, cs.....lb. 2.95 - 3.05
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .85 - —
25 lbs.....lb. .87 - —
50%, pails, 50 lbs.....lb. 1.23 - —
25 lbs.....lb. 1.25 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.90 - 1.94
fib., dms., 100 lbs.....lb. 1.77 - —
jars, 25 lbs.....lb. 1.79 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 3.81 - 3.85
cns., 25 lbs.....lb. 3.70 - 3.75
fib., dms., 100 lbs.....lb. 3.70 - 3.75
yellow, bots., 5 lbs.....lb. 3.91 - 3.95
cns., 25 lbs.....lb. 3.80 - —
fib., dms., 100 lbs.....lb. 3.80 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.51 - —
USP, fib. dms., 50 lbs. or more..lb. 2.03 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.29 - —
fib., dms., 25 lbs.....lb. 1.17 - 1.22
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10¼- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
Metal leaf, pkgs., of 20 books, (500 leaves) gold, XX deep, 23K, 3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅝x5⅞ in.....pkg.22.50 -23.00
3⅞x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.40 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. allo.....gal. .36½- —
4, frt. allo.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .28 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

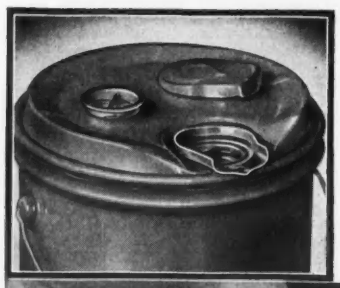
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .005 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. 358 -

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.86
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .28 - —
permanent, bbls. .....lb. .80 - —



It Pays to Pack In

STEEL CONTAINERS

YOUR PRODUCT is judged by the type of container in which it is packed.

Modern streamlined Wheeling Steel Containers, attractively lithographed with a design of your selection are a traveling advertisement of your products as well as faithful guardians of their quality.

The tamper-proof construction of Wheeling drums and pails passes all tests required for I. C. C. specifications. Many styles of unique closures are available which facilitate use yet protect contents until the containers are entirely empty. Ask for a quotation on Wheeling Steel Containers for your products.

WHEELING
CORRUGATING COMPANY
General Offices: **Wheeling, West Virginia**
OFFICES AND WAREHOUSES IN PRINCIPAL CITIES

Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —
Methylcyclohexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .25 - —
Melbylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½ - —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb. 23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½ - —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½ - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Millwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.18.00 - —
250 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½ - —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½ - —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton..29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼ - —
l.c.l., ex-whse., or frt. alld.. E..lb. .04¾ - —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½ - —
l.c.l., ex-whse., or frt. all., E..lb. .04¾ - —
rubber, bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., ex-whse., or frt. alld.. E..lb. .04½ - —
wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½ - —
l.c.l. .....lb. .07½ - —
unskimmed, roller bbls., c.l.lb. .15½ - —
l.c.l. .....lb. .16½ - —
spray, bbls., c.l.....lb. .16½ - —
l.c.l. .....lb. .17½ - —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bgs.....lb. .06½ - .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .04½ - —
f.o.b., New Orleans....gal. .03¾ - —
Molybdate orange (see Orange, molybdate)
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
lb .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniliin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .78 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, bls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .03¾- .04¼
California, brown, bgs.....lb. .05¾- .06¼
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .09¼- .09½
Dutch, yellow, bgs.....lb. .08¼- .08½
English, yellow, bgs.....lb. .09¾- .10
Roumanian, yellow, bgs...lb. .05¾- .06¼
Myrobalans, J1, bgs., shipt..ton.25.00 - —
J2, bgs., shipt.....ton.19.00 - —
R2, bgs., shipt.....ton.16.75 - —
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works .....100 lbs. 2.75 - 2.85
import, bgs., Atl. port.100 lbs. 1.60 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½ - —
(12 oz.) same basis..pkg. .05¼ - —
chipped, crushed, bbls., same basis..lb. .05¼ - —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd.....unit-ton. 1.90 - —
f.o.b. Chemical, Ill., unit-ton. 1.90 - —
Nitrogenous fertilizer material 8-11% ammon., dom., bulk, f.o.b., East Coast producing points.unit-ton. 2.30 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.50 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs ..lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- —
110s, bgs., cs.....lb. .17½- .17¾
West Indian, bgs.....lb. .10 - .10¼
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾ —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. .....lb. 1.90 - 2.00
s.p.a., bots. .....lb. 1.95 - 2.05
sweet, true, exp., cns.....lb. .87 - .88
Amber, crude, cns.... .....lb. .20 - .21
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.40.00 -45.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .67 - .68
Apricot, kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06¼ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.05 - 1.10
55-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .15 - .18
rectified, cns.....lb. .60 - .65
Bois de rose, Brazil, cns.....lb. 1.45 - 1.50
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .44 - .46
USP IX, cns.....lb. .50 - .52
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .27 Nom.
white, cns.....lb. .30 Nom.
dms. .....lb. .27 Nom.
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.75 - 1.80
Cardamom, bots.....lb.13.25 -25.50
Cassia, USP, cns., dms.....lb. .85 - .90
Castor, blown, one-way dms., c.l..lb. .10¾- —
l.c.l. .....lb. .11 - —
medicinal, bbls., c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
cns. (1-gal.), l.c.l.....lb. .12½- —
dms. (returnable), c.l.....lb. .08½- —
l.c.l. .....lb. .09¼- —
(5-gal.), l.c.l.....lb. .10½- —
tanks .....lb. .08 - —
No. 3, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
dms. (returnable), c.l.....lb. .08 - —
l.c.l. .....lb. .08¾- —
tanks .....lb. .07½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l., prices ¾c. higher than N. Y.; sseway dms., ¼c. higher, all points.
Oil, castor, sulphonated, 50% (43% fat), dms., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
75% (63% fat), dms., c.l..lb. .08¾- —
l.c.l. .....lb. .09¾- —
80% (68% fat), dms., c.l..lb. .09¼- —
l.c.l. .....lb. .10¼- —
Cedarleaf, cs. .....lb. .60 - .62
dms. .....lb. .55 - .57
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .17 - .21½
Celery, bots.....lb. 6.65 - 8.75
Chaulmoogra, USP, cns., 500 lbs. lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .21 Nom.
tanks .....lb. .19½ Nom.
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .35 - .36
dms. .....lb. .33 - .34
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03¼- —
Pac. Cst. .....lb. .03 - —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .08¾- —
l.c.l. .....lb. .09½- —
tanks .....lb. .07¾- —
Cod, Newfoundland, shipt., un-tanked..gal. .32 - .33
Norwegian, shipt., bbls..gal. .27 - .30
Codliver, med., USP, bbls..bbl.20.00 -21.00
Coriander, bots. .....lb.12.00 -12.50
Corn, crude, tanks, works...lb. .05¾- .06
refd., bbls. .....lb. .08¾- .09
Cottonseed, dom., cooking, bbls..lb. .08¼- —
salad, bbls. .....lb. .08½- —
import, Brazilian, semi-refd., bulk..lb. .0350- Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.10 - 1.15
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.60 - 3.75
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .41 - .43
dms. .....lb. .38 - .39
Fennel, sweet, cns. .....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .80 - .85
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.05 - —
Tuesday .....bbl. 1.05 - —
Wednesday .....bbl. 1.05 - —
Thursday .....bbl. 1.05 - —
Friday .....bbl. 1.05 - —
Saturday .....bbl. 1.05 - —
North Texas, 18-22.....bbl. .85 - .90
24-28, zero cold test....bbl. 1.00 - 1.05
Fuel, bunker, Oklahoma, 18-22, bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
24-28, 15 and above.....bbl. .85 - .90
Pennsylvania, 36-40.....gal. .04 - .04¼
Furnace, Bayonne, 1, bulk, refinery..gal. .04¼- —
2, bulk, same basis.....gal. .03¾- —
4, bulk, same basis.....gal. .03¾- —
Louisiana - Arkansas, 32-36, light straw..gal. .03¼- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03¾- .03½
36-38 .....gal. .03¾- .03¾
38-40, straw .....gal. .03¾- .03¾
38-40 zero, 60 e.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02¾- .03¼
Oklahoma, bulk.....gal. .02¾- .03¼
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 2.65 - 3.50
Bourbon, cns. .....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns. .....lb. 1.55 - 1.75
Grapeseed, dms. .....lb. .40 - .60
Ginger, dist., bots.....lb. 4.50 - 4.75
Gualac wood, concrete, bots..lb. 2.10 - 2.25
Haarlem, import, bots....gross. 3.15 - 3.25
Halibut-liver, dms., 1,000 unit..gal. .75 - 1.00
Hemlock, cns. .....lb. .65 - .70
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lbs., dms..lb. .38 - .39
cns .....lb. .40 - .41
Lard, common, 1, bbls.....lb. .08½- —
2, bbls. .....lb. .08¾- —
extra, bbls. .....lb. .09¾- —
1, bbls. .....lb. .08¾- —
Winter, strained, extra, bbls., prime, burning, bbls.....lb. .09¼- —
prime, ined., bbls.....lb. .09¾- —
Laurel, bots.....lb. 4.50 - 5.00
Lavandin, cns., 25 lbs.....lb. 1.60 - 1.65
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.00
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.00
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 2.75 - 3.25
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., Mexican, cns....lb. 2.65 - 2.70
West Indian, cns.....lb. 3.00 - 3.10
expressed, cns.....lb. 6.50 - 6.75
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0980- —
l.c.l., 5 or more.....lb. .1020- —
less than 5.....lb. .1060- —
tanks .....lb. .0920- —
double boiled, bbls., less than lb. .1080- —
ram, bbls., c.l.....lb. .0940- —
l.c.l., 5 or more.....lb. .0980- —
less than 5.....lb. .1020- —
tanks .....lb. .0880- —
Lovage, bots. .....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .28 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks.gal. .19 - —

Methylamyl Kt.—Oil, Sassafras

Oil, lubricating at refinery (Including U. S. tax 4c. per gal):—
Oklahoma, bright stocks, 150-160 E. color 5½, 15-25 pour, tank..gal. .18½- —
190-200 D, color 4½, 15-25 pour, tanks..gal. .28 - —
200-210 E. 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
550 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
18-25 pour prices are ½c. per gallon higher than zero to 10° pour.
600 cold test, 10-15 pour, tanks..gal. .15 - —
cylinder, 600 fire, tanks, gal. .08¼- —
600 flash, tanks.....gal. .10 - —
630 flash, tanks.....gal. .13 - —
635 fire, tanks.....gal. .09 - —
650 fire, tanks.....gal. .09½- —
Warren, E, amber, tanks, gal. .11 - —
Penna, Warren, E, neutral, 150 vis., 3 color, tanks.gal. .14½- —
180 vis., 3 color, tanks..gal. .15½- —
200 vis., 2 color, tanks..gal. .16½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .22 - —
unfiltered, 600 s.r....bbls., f.a.s..gal. .15½- —
Oil, lubricating spot Penna., unfiltered, 600 flash, s. r., bbls., c.l..gal. .17½- —
630 flash, bbls., c.l., f.a.s., gal. .20½- —
Warren, E, bbls., c.l., f.a.s., gal. .20 - —
smaller lots, f.o.b..gal. .21 - —
Mace, dist., cns., dms.....lb. 1.12 - 1.15
Mandarin, superior, coppers..lb. 5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto..gal. .28 Nom.
refd., alkali, dms.....lb. .0720- —
tanks .....lb. .0660- —
refd., blown, dms.....lb. .0720- —
kettle-bodied, dms.....lb. .0920- —
light, pressed, dms.....lb. .0660- —
tanks .....lb. .0600- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns...lb. 1.60 - 1.65
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls. .....gal. .65 - —
Neatsfoot, 20° cold test, bbls., lb. .14¾- —
extra, bbls. .....lb. .09 - —
1, bbls. .....lb. .08¾- —
pure, bbls. .....lb. .12¼- —
prime, bbls. .....lb. .09¾- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.85.00 - 140.00
Nutmeg, USP, cns., dms.....lb. 1.12 - 1.15
Oiticica, dms. .....lb. .13 - .14
Oleo, 1, bbls.....lb. .08 - —
2, bbls. .....lb. .07½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. .83 - .84
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07 - .07¼
sulphonated, 50% (43% fat), dms., c.l...lb. .11¼- —
l.c.l. .....lb. .12¼- —
75% (63% fat), dms., c.l..lb. .13¼- —
l.c.l. .....lb. .14¼- —
80% (68% fat), dms., c.l..lb. .14¼- —
l.c.l. .....lb. .15¼- —
Orange, sweet, dist., cs.....lb. .50 - —
Expressed, African, cns., dms. lb. .80 - .85
Calif., cns.....lb. 1.00 - —
Messina, USP, coppers.lb. 1.90 - 3.00
West India, cns.....lb. 1.68 - 1.70
Origanum, cns. .....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, cakes.....lb. .03¾- .03¾
shipment .....lb. .03 Nom.
softs, 12½%, bulk, shipt....lb. .0275 Nom.
20%, bulk, shipt.....lb. .0265 Nom
Sumatra, shipt., bulk.....lb. .0275 Nom.
Palmarosa, cns.....lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0370 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.35 - 6.50
Peanut, crude, dom., tanks..lb. .05¾- .05¾
refd., edible, bbls.....lb. .08¾- .09
Pennyroyal, dom., cns.....lb. 2.10 - 2.15
import, cns. .....lb. 1.85 - 1.90
Peppermint, natural, cns., dms. lb. 2.20 - 2.45
redist., USP, cns., dms....lb. 2.45 - 2.70
Perilla, dms. .....lb. .10½- .10¾
tanks .....lb. .10 - —
Petitgrain, Paraguay, cns...lb. .80 - .85
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .50 - .52
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .02 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .26 - —
Rapeseed, blown, bbls.....lb. .14 - .14¼
denat., bbls. .....gal. .80 - .82
Red, dist. or saponif, bbls., dlvd..lb. .07¾- .08¼
dms., dlvd.....lb. .07¼- .08¼
tanks, dlvd.....lb. .06½- .07¼
white, dms.....lb. .10¾- .11¼
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -35.00
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 3.75 - 3.95
Sage, cns.....lb. 1.60 - 1.65
Sandalwood, E. I., USP, cns..lb. 4.50 - 4.95
Mysore, cns., case lots....lb. 19s 6d
Sardine, crude, tanks, Pac. Cst..gal. .33 Nom.
refd., alkali, dms.....lb. .0720- —
tanks .....lb. .0660- —
Sassafras, artif., cns.....lb. .35 - .39
dms. .....lb. .36 - .37
natural, cns., dms.....lb. .90 - 1.00

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Oil, Savin—Petroleum

Oil, savin, cns.	lbs.	1.60 - 1.65
Savory, cns.	lb.	2.00 - 2.25
Sesame, refd., import, dms.	lb.	.09½- .09¾
Shingle stain, bbls., c.l., wks.,	gal.	.19 - —
l.c.l., works	gal.	.21 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	9.50 -10.00
Soybean, dom., crude, dms.	lb.	.0610- .0650
tanks	lb.	.0550- —
refd., dms.	lb.	.0730- .0770
tanks	lb.	.0670- —
Spearmint, USP, cns.	lb.	1.70 - 1.75
Sperm, bleach, 38°, dms.	lb.	.0900- .0920
45°, dms.	lb.	.0830- .0850
natural, dms.	lb.	.0780- .0800
Spruce, cns., dms.	lb.	.70 - .90
Sweet, birch, North, cns.	lb.	2.25 - 2.65
South, cns.	lb.	1.55 - 1.60
Tall, crude, dms., c.l., works,	ton.	45.00 - —
l.c.l., works	ton.	60.00 -65.00
tanks, works	ton.	35.00 - —
refined, dms., c.l., works	lb.	.05½- —
l.c.l., works	lb.	.06 - —
tanks, works	lb.	.05 - —
Tallow, acidless, bbls.	lb.	.05½- —
tanks	lb.	.05 - —
Tansy, cns.	lb.	8.00 Nom.
Tar, coml. dms., c.l., dlvd.,	E. cities. gal.	.25 - .26
E. ports.	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities	gal.	.20 - —
Tar, reotfd., USP, bbls., dlvd.,	E. ports. gal.	.55 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.09¼- .09½
refined, dms.	lb.	.10¾- .11
Tea Tree (see Oil, ti tree).		
Thyme, NF, red, dms.	lb.	1.10 - 1.15
white, dms.	lb.	1.15 - 1.25
Tung (see Oil, chinawood).		
Ti tree, cns.	lb.	2.40 - 2.90
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	4.25 - 5.00
Valerian, bots.	lb.	8.00 - 8.25
Vetiver, bots.	lb.	8.50 -15.00
Walnut, crude, dms.	lb.	.13 - .13¼
refd., dms.	lb.	.14 - .14½
Whale, refd., natural, dms.	lb.	.0770- .0790
winter, bleach, dms.	lb.	.0610- .0630
Wheat germ, phar., cns., dms.	gal.	22.50 -30.00
feedstuff, cns., dms.	gal.	17.50 -25.00
White, mineral, dms., tech.,		
50-60 vis., dms.	gal.	.40 - —
65-75 vis., dms.	gal.	.42 - —
80-90 vis., dms.	gal.	.43 - —
USP, 80-90 vis., dms.	gal.	.46 - —
95-105 vis., dms.	gal.	.53 - —
125-135 vis., dms.	gal.	.60½- —
kettle-bodied, dms.	lb.	.0620- —
light, pressed, dms.	lb.	.0660- —
tanks	lb.	.0600- —
140-150 vis., dms.	gal.	.64 - —
175-185 vis., dms.	gal.	.65½- —
200-210 vis., dms.	gal.	.70½- —
320-330 vis., dms.	gal.	.76 - —
335-345 vis., dms.	gal.	.77 - —
Russian, 80-90 vis., dms.,	gal.	.46 - —
145-155 vis., dms.	gal.	.64½- —
175-185 vis., dms.	gal.	.66½- —
335-345 vis., dms.	gal.	.77 - —
Wintergreen, natural, North,	cns. lb.	4.00 - 8.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.10 - 2.20
Wormwood, cns.	lb.	3.50 - 3.75
Oil, ylang-ylang, Bourb., bots., cns.	lb.	2.50 - 3.00
Manila, bots.	lb.	18.00 -24.00
Olivine, aggregate, c.l., mines,	ton.	5.00 - 8.00
Lumps, same basis	ton.	7.00 - —
Spalls, same basis	ton.	5.00 - —
ground, 200 mesh, c.l., mines,	ton.	15.00 - —
20 mesh to dust	ton.	10.00 - —
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns	lb.	12.50 -13.50
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11 - —
Colo., Mont., N.M., Wyo.	lb.	.10¾- —
Other points	lb.	.10¼- —
smaller lots, dlvd., Ala., etc.	lb.	.11 - —
Ariz., etc.	lb.	.11½- —
Colo., Mont., N. M., Wyo.	lb.	.11¼- —
Other points	lb.	.10¾- —
French, Tours, casks, ex dock,	lb.	.13½- —
kgs., ex dock	lb.	.14½- —
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.80 - —
Orangeflower petals, cs.	lb.	.35 - .37
Orange peel, bitter, bls.	lb.	.08 - .09
sweet, bls.	lb.	.12 - .13
Orris root, Florentine, bgs.	lb.	.10 - .11
fingers, cs.	lb.	.85 - .90
powd., bbls., bxs.	lb.	.12 - .13
Verona, bls.	lb.	.09 - .10
powd., bxs., cs.	lb.	.12 - .13
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloroanilin, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.32 - —
Orthocresol, dms., c.l., works.	lb.	.16½- —
l.c.l., same basis	lb.	.17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06 - —
l.c.l., same basis	lb.	.07 - —
100-lb. tins, same basis.	lb.	.08 - —
50-lb. tins, same basis.	lb.	.09 - —
tanks, same basis	lb.	.06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.55 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.08 - —
Orthotoluidin, dms.	lb.	.16 - —
Osage orange extract, cryst., bbls.,	lb.	.19 - —
liquid, 42°, bbls.	lb.	.08 - —
51°, bbls.	lb.	.09 - —
Oxyquinolin sulphate, cns., 100-	lbs., works. lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00
Orthotoluene hydrochloride, dms.	lb.	.22 - —
Sulphonate, kgs.	lb.	2.00 - 2.05

P

Papain, powd., cs.	lb.	1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs.	lb.	.30 - .31
medium, bgs.	lb.	.29 - .29½
Portuguese, extra fancy, bgs.,	lb.	.28 - .29
fancy, bgs.	lb.	.27 - .28
Spanish, extra fancy, cs.	lb.	.38 - .39
Parachlorophenol, dms.	lb.	.45 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 - .12
l.c.l.	lb.	.12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.0300 Nom.
bbls., c.l., N.Y.	lb.	.0295 Nom.
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.0300 Nom.
bbls., c.l., N. Y.	lb.	.0295 Nom.
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.0295 Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03¾- —
loose, c.l.	lb.	.0355- —
125-127 A.m.p., bgs., c.l.	lb.	.0390- —
loose, c.l.	lb.	.0370- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0400- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0435- —
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0465- —
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0490- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0565- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0660- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.0850- —

Refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.

match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½- .02¾
semirfd., solid., 122-124 A.m.p., bgs.	lb.	.02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34 - —
100 to 900 lbs. shipments, same basis.	lb.	.35 - —
Paraldehyde, tech., 99% 55 and 100 gal. dms., c.l., works.	lb.	.10 - —
l.c.l., works	lb.	.11¼- —
5 and 10 gal. dms., works.	lb.	.15 - —
USP, cs., obys.	lb.	.37 - .45
Paranitroanilin, kgs., works	lb.	.47 - —
Paranitrochlorobenzene, kgs.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs.	lb.	.35 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.56 - —
Pareira brava root, bls.	lb.	.15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23 - .25
less car lot, same basis.	lb.	.24 - .26
Passion flower, herb, bls.	lb.	.07 - .08
Patchouli leaves, bls.	lb.	.18 - .20
Pellitory root, bls.	lb.	.13 - .14
Pennyroyal leaves, bls.	lb.	.13 - .14
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
Pepper, black, Alleppey, bgs.	lb.	.07½- .08
Lampong, bgs.	lb.	.03¾- .03½
Tellicherry, bgs.	lb.	.07½- .07¾
Red, chillies, Japan, Hontaka..	lb.	.17½- .18
Mombassa, bgs.	lb.	.23¼- .23½
White, Java, Muntok, bgs.	lb.	.07½- .07½
Salgon, bgs.	lb.	.06¾- .07¼
Peppermint leaves, dom., bls.	lb.	.23 - .24
import, bls.	lb.	.45 - .46
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 - —
5 dms., same basis.	lb.	.08½- —
less than 5 dms., same basis,	lb.	.08¾- —
Zone 2, dms., c.l., works, frt., alld.	lb.	.08½- —
5 dms., same basis	lb.	.09 - —
less than 5 dms., same basis,	lb.	.09¼- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
5 dms., same basis	lb.	.09½- —
less than 5 dms., same basis,	lb.	.09¾- —
Zone 4, dms., c.l., f.ob., stock points.	lb.	.09 - —
5 dms., same basis	lb.	.09½- —
less than 5 dms., same basis,	lb.	.09¾- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	.66 - .68
Petrolatum, amber, dms., c.l.	lb.	.02¾- —
l.c.l.	lb.	.03¾- —
amber, extra, dms.	lb.	.02¾- —
l.c.l.	lb.	.04 - —
veterinary, dms., c.l.	lb.	.02½- —
white, cream, dms., c.l.	lb.	.04¼- —
l.c.l.	lb.	.05¾- —
lily, dms., c.l.	lb.	.05¼- —
l.c.l.	lb.	.06¾- —
snow, dms., c.l.	lb.	.06¼- —
l.c.l.	lb.	.07¾- —
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .96
Athens	bbl.	.84 - 1.00
Belridge	bbl.	.70 - 1.32
wells, California, Buena Vista Hills.	bbl.	.70 - 1.88
Canal-Greely	bbl.	.91 - 1.66
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.23
Domingues	bbl.	.79 - 1.00
East Coyote	bbl.	.76 - .98
Elk Hills	bbl.	.70 - 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 - 1.46
El Segundo	bbl.	.80 - 1.31
Huntington Beach	bbl.	.78 - 1.33
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.49
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.33
Lost Hills	bbl.	.70 - 1.19
McKittrick	bbl.	.70 - —
Midway-Sunset (except Lakeview)	bbl.	.70 - 1.38
Montebello	bbl.	.77 - 1.42
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.26
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .98
Olinda Brea	bbl.	.76 - 1.27
Playa del Rey, f.o.b. pipeline	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.06
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.42

An expanding line of

ATLANTIC WHITE MINERAL OILS

ATLANTIC
THE ATLANTIC REFINING COMPANY
PHILADELPHIA, U.S.A.

KEEPING PACE with changes in the requirements of the industry, Atlantic offers two new grades of low viscosity U.S.P. oil for *cosmetic* use.

These are Atreols 6 and 7, designed for those cosmetic manufacturers and other users of White Oils who are becoming increasingly conscious of the necessity for the use of quality raw materials. They are, of course, odorless and tasteless — besides passing all other requirements for White Mineral Oil U.S.P., Light. The increase in cost is negligible.

In addition to the new Atreols, the quality of Atlantic Ultrols 5 and 7 has been modified. These are now offered as colorless Technical White Oils. Any manufacturers who can use them can effect a considerable saving.

Write today for our new booklet which describes the enlarged line of White Mineral Oils in detail. . . . The Atlantic Refining Co., Technical Sales Division, 260 S. Broad St., Philadelphia, Pa.

ATLANTIC WHITE OILS

ATLANTIC
WHITE MINERAL OILS U. S. P.

Trade Name	Viscosity S. U. at 100° F.	Average Spec. Gravity at 60° F.	U. S. P. Tests
Atreol No. 34	335-345	0.885	Passes
Atreol No. 33	320-330	0.885	"
Atreol No. 32	310-320	0.884	"
Atreol No. 21	200-210	0.874	"
Atreol No. 18	175-185	0.871	"
Atreol No. 15	140-150	0.866	"
Atreol No. 13	125-135	0.862	"
Atreol No. 10	95-105	0.855	"
Atreol No. 9	80-90	0.850	"
Atreol No. 7	**65-75**	**0.845**	"
Atreol No. 6	**50-60**	**0.840**	"

The pour point of all Atlantic Atreols is 10° F. or lower

TECHNICAL WHITE OILS

Trade Name	Viscosity S. U. at 100° F.	Spec. Gravity at 60° F.	Color Saybolt
Ultrol No. 8	80-90	0.852	Plus 30
Ultrol No. 7	**65-75**	**0.847**	**Plus 30**
Ultrol No. 5	**50-60**	**0.842**	**Plus 30**

Petroleum, crude, bulk, at wells,
California:—
Santa Maria ..... bbl. .63 - .70
Santa Paula ..... bbl. .70 - 1.01
Seal Beach ..... bbl. .79 - 1.19
Signal Hill ..... bbl. .80 - 1.31
Torrence ..... bbl. .80 - 1.06
Wheeler Ridge ..... bbl. .70 - .83
Whittier ..... bbl. .76 - .96
Wilmington ..... bbl. .76 - 1.31
Canada:—
Oil Springs ..... bbl. 1.97 - —
Petrolia ..... bbl. 1.90 - —
Central West:—
Illinois ..... bbl. .53 - 1.05
Lima ..... bbl. .90 - —
Western Michigan ..... bbl. .88 - —
Princeton ..... bbl. 1.05 - —
East Texas ..... bbl. 1.10 - —
Gulf Coast:—
Barber's Hill ..... bbl. .79 - 1.16
Batson ..... bbl. .74 - 1.04
Dayton ..... bbl. .96 - 1.41
Esperson ..... bbl. .79 - 1.16
Goose Creek ..... bbl. .79 - 1.28
Hull ..... bbl. .74 - 1.04
Humble ..... bbl. .74 - 1.04
Liberty ..... bbl. .79 - 1.16
Markham ..... bbl. .90 - 1.20
Orange ..... bbl. .79 - 1.16
Pettus ..... bbl. 1.28 - —
Pierce Junction ..... bbl. .96 - 1.41
Refugio (incl. Greta, Taft, Saxet) ..... bbl. .79 - 1.38
Saratoga ..... bbl. .74 - 1.04
Sour Lake ..... bbl. .74 - 1.04
Spindle Top ..... bbl. .74 - 1.04
Sugarland ..... bbl. .79 - 1.28
West Columbia ..... bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river ..... bbl. 1.12 - —
Kentucky river ..... bbl. 1.20 - —
Western Kentucky (Owensboro) ..... bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou ..... bbl. .73 - 1.06
Caddo ..... bbl. .98 - 1.00
Cameron Meadows ..... bbl. .74 - 1.13
Choctaw ..... bbl. .74 - 1.20
Cotton Valley ..... bbl. .73 - 1.03
Darrow ..... bbl. .74 - 1.20
De Soto ..... bbl. .73 - 1.05
El Dorado ..... bbl. .73 - 1.06
Haynesville ..... bbl. .73 - 1.05
Homer ..... bbl. .73 - 1.05
Iowa ..... bbl. .74 - 1.13
Lockport ..... bbl. .74 - 1.13
Miller County ..... bbl. .73 - 1.05
Pine Island ..... bbl. .73 - 1.05
Rainbow ..... bbl. .73 - 1.05
Rodessa ..... bbl. .73 - 1.05
Smackover ..... bbl. .73 - —
Tepetate ..... bbl. 1.03 - —
Urania ..... bbl. .89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco ..... bbl. No prices
Tuxpan ..... bbl. No price
Midcontinent:—
North Texas ..... bbl. .51 - 1.10
Oklahoma-Kansas ..... bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ..... bbl. 2.00 - —
Corning ..... bbl. 1.02 - —
Pennsylvania grade, in Buckeye lines .. bbl. 1.55 - —
Eureka lines ..... bbl. 1.59 - —
N. Y. Transit lines, bbls. 2.00 - —
S. W. Penn. lines .. bbl. 1.65 - —
lower district in National Transit lines .. bbl. 1.88 - 1.93
Rocky Mountain:—
Big Muddy ..... bbl. .98 - —
Canon City-Florence ..... bbl. .90 - —
Cat Creek ..... bbl. 1.10 - —
Dutton Creek ..... bbl. .86 - 1.10
Elk Basin ..... bbl. .90 - —
Fort Collins-Wellington ..... bbl. .81 - 1.05
Frannie, light ..... bbl. .45 - .52
Grass Creek, light ..... bbl. .90 - —
Ilse ..... bbl. .92 - .94
Lance Creek ..... bbl. .77 - —
Lander ..... bbl. .31½ - —
Midway ..... bbl. .86 - 1.10
Rock Creek ..... bbl. 1.00 - —
Salt Creek ..... bbl. .86 - 1.10
Sunburst ..... bbl. 1.20 - —
Torchlight ..... bbl. 1.80 - —
South, Central and Southwestern Texas:—
Cass County ..... bbl. .73 - 1.06
Cleveland-Liberty ..... bbl. 1.14 - —
Conroe ..... bbl. 1.27 - —
Darst Creek ..... bbl. .96 - —
Hardin-Liberty ..... bbl. 1.00 - 1.03
Luling ..... bbl. .87 - —
Lytton Springs ..... bbl. .99 - —
Mirando, (incl. Duval). bbl. .74 - 1.38
Panola County ..... bbl. .73 - 1.06
Salt Flat ..... bbl. .96 - —
Tomball ..... bbl. .95 - 1.41
Van ..... bbl. .93 - —
West Beaumont ..... bbl. .79 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County ..... bbl. .72 - 1.06
West Texas:—
Artesia, N. M. ..... bbl. .61 - .85
Crane ..... bbl. .53 - .93
Crockett ..... bbl. .53 - .95
Ector ..... bbl. .53 - .95
Eddy (N. M.) ..... bbl. .77 - —
Howard ..... bbl. .53 - .96
Jackson, N. M. ..... bbl. .61 - .85
Lea, N. M. ..... bbl. .53 - .96
Maljamar, N. M. ..... bbl. .61 - .85
Mitchell ..... bbl. .63 - .96
Pecos ..... bbl. .65 - .87
Upton ..... bbl. .53 - .96
Winkler ..... bbl. .53 - .96
Ether, 30-60° dms., c.l., G. S. gal. .14 - —
l.c.l., G.S. ..... gal. .25 - —
tanks, G.S. ..... gal. .13 - —
35-60°, dms., l.c.l., G.S. .... gal. .30 - —
60-75°, dms., c.l., G.S. .... gal. .14 - —
l.c.l., G.S. ..... gal. .25 - —
tanks, G.S. ..... gal. .13 - —
Laboratory grade, dms., c.l., G. S. .. gal. .14 - —
c.l., G.S. ..... gal. .25 - —
10-gal. lots, G.S. ..... gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles .. gal. .11 - —
San Francisco .. gal. .11½ - —
f.o.b. Richmond .... gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
East Coast, tanks ..... gal. .09 - —
Group 3, tanks ..... gal. .07½ - .07½
Naphtha, cleaners', at refinery:—
East Coast, tanks ..... gal. .10 - —
Group 3, tanks ..... gal. .06¾ - .06½
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport ..... gal. .13½ - —
Chicago, inc. 4c. tax .. gal. .17½ - —
Decatur, inc. 4c. tax .. gal. .186 - —
Des Moines, inc. 4c. tax. gal. .184 - —
Evansville, inc. ex tax. gal. .14½ - .15½
Milwaukee, inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .20 - —

Petroleum, naphtha, cleaners', tankwagon, Newark, ex tax .. gal. .10 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Oklahoma City, ex tax. gal. .16 - —
Philadelphia, ex tax .. gal. .11½ - —
St. Louis, inc. 1c. tax. gal. .15 - —
Syracuse, 150 gals ..... gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans .. gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway .. gal. .15 - —
2, over 90% arom., same basis .. gal. .16 - —
8, tanks, f.o.b. Paulsboro, N. J .. gal. .14 - —
30, same basis ..... gal. .15 - —
40, same basis ..... gal. .14½ - —
v.m.&p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo .. gal. .11 - —
Richmond .. gal. .11½ - —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
54-57, 190 l.b.p., 310 e.p., tanks, dlvd., Los Angeles. gal. .10 - —
San Francisco ..... gal. .10¾ - —
Portland, Seattle ..... gal. .11 - —
East Coast, tanks ..... gal. .09 - —
Group 3, tanks ..... gal. .06¾ - .06½
tankwagon, Boston, ex tax, gal. .13 - .14
Chicago, inc. 4c. tax .. gal. .16½ - —
Des Moines, inc. 4c. tax. gal. .184 - —
Decatur, inc., 4c. tax .. gal. .186 - —
Evansville, Ind., ex tax. gal. .147 - 15
Milwaukee, inc. 5c. tax. gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax. gal. .20 - —
Newark, ex tax ..... gal. .11 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Philadelphia, ex tax .. gal. .12½ - —
St. Louis, inc. 1c. tax. gal. .15.2 - —
solvent, rubber, at refinery, East Coast, tanks .. gal. .09 - —
Group 2 light, 120 l.b.p., 250 e.p., tanks .. gal. .06¾ - .06½
standard, 180 l.b.p., 288 e.p., tanks .. gal. .06¾ - .06½
Stoddard (CS 3-38), at refinery:—
East Coast, tanks ..... gal. .08¼ -
Group 3, tanks ..... gal. .05¾ - .06
tankwagon, Boston, ex tax .. gal. .12½ - .13½
Chicago, inc. 4c. tax .. gal. .159 - —
Decatur, inc. 4c. tax .. gal. .181 - —
Des Moines, inc. 4c. tax. gal. .179 - —
Evansville, Ind., ex tax. gal. .135 - .145
Milwaukee, inc. 5c. tax. gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .177 - —
Newark, ex tax ..... gal. .09 - —
New Orleans, ex tax .. gal. .11 - —
New York, ex tax ..... gal. .09 - —
Omaha ..... gal. .131 - .14
Philadelphia, ex tax .. gal. .10½ - .12½
St. Louis, inc. 1c. tax. gal. .129 - —
Tulsa, ex tax ..... gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles .. gal. .15 - —
Portland, Ore ..... gal. .16 - —
Richmond ..... gal. .14½ - —
Seattle, Wash .... gal. .16½ - —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½ - —
Richmond ..... gal. .10 - —
Southern Calif .... gal. .09½ - —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore .... gal. .12 - —
Richmond ..... gal. .11½ - —
Seattle, Wash .... gal. .12 - —
East Coast, 43-47, tanks. gal. .08½ - —
47-49, tanks ..... gal. .09½ - .10
New Jersey, tanks ..... gal. .08½ - —
Group 3 tanks ..... gal. .05¾ - .06½
tankwagon, tax included:—
Albany ..... gal. .13 - —
Baltimore (100 gals.) .. gal. .12½ - .13½
25-99 gals ..... gal. .13½ - .15½
Boston ..... gal. .13 - —
Bound Brook, North Amboy, N. J .. gal. .11½ - .13½
Bridgeport, Conn ..... gal. .11 - —
Buffalo ..... gal. .15 - —
Camden, N. J ..... gal. .10 - .12
Chicago ..... gal. .162 - —
Decatur, Ill ..... gal. .176 - —
Des Moines ..... gal. .174 - —
Evansville, Ind ..... gal. .137 - .147
Milwaukee ..... gal. .188 - —
Minneapolis-St. Paul .. gal. .19 - —
Newark ..... gal. .09 - —
New York (200 gals.) .. gal. .09 - —
Omaha ..... gal. .131 - .141
Philadelphia ..... gal. .10 - .12
Pittsburgh ..... gal. .11½ - .13½
Providence ..... gal. .11½ - —
Rochester ..... gal. .12 - —
St. Louis ..... gal. .142 - —
Syracuse ..... gal. .12½ - —
Trenton ..... gal. .10 - —
Wilmington, Del ..... gal. .10 - .12
Phenobarbital, bots., 5 lbs .... lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs .. lb. 4.00 - —
cns., 25 lbs ..... lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald .. lb. .14½ - .15½
l.c.l., same basis ..... lb. .15½ - .16½
under 1,000 lbs ..... lb. .16½ - .17¾
tanks, works ..... lb. .13½ - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots .. lb. .85 - —
bbls., dms., kegs, 100-250 lbs .. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots .. lb. .80 - —
100-lb. fib., dms ..... lb. .82 - —
25-lb. dms ..... lb. .87 - —
50-lb. kgs ..... lb. .84 - —
Phenyl chloride, dms ..... lb. .17 - —
Phenylacetaldehyde, bots ..... lb. 2.10 - 2.50
Dimethylacetate, cns ..... lb. 14.50 - 15.00
Phenyl ethyl acetate, cns ..... lb. 2.45 - 2.50
Phenyl ethyl acetate, cns ..... lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 - 15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works .. lb. 4.00 - —
commercial, kgs., works .. lb. 1.50 - —
pure, bbls., works ..... lb. 2.25 - —
Phloroglucinol, CP, tins, works .. lb. 20.00 - 22.00
tech., tins, works ..... lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines .. long ton. 4.35 - —
land pebble, 68% min., bulk, mines .. long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines ..... long ton. 2.40 - —
75% basis, 74% min., bulk mines .. long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines .. long ton. 5.50 - —

Phosphorus, red, cs ..... lb. .40 - .44
yellow, dms ..... lb. .18 - .20
cases ..... lb. .23 - .25
Oxychloride, cyls ..... lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks ..... lb. .13 - .14
Sesquisulphide, cs ..... lb. .38 - .42
Trichloride, cyls ..... lb. .15 - .16
Phthalamide, bbls., tons ..... lb. .35 - —
single bbls ..... lb. .40 - —
kgs ..... lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R .. lb. .14½ - —
l.c.l., same basis ..... lb. .15½ - —
Pichi leaves, bgs ..... lb. .35 - .36
Pilocarpine hydrochloride, bots., vis .. oz. 2.25 - 2.35
Nitrate, bots., vis ..... oz. 1.75 - 2.00
Pimento, bgs ..... lb. .14½ - .15
Pinkroot, bls ..... lb. .33 - .34
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works .. ton. 19.00 - —
l.c.l ..... ton. 22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron .. ton. 23.75 - 24.00
Linseed, dms ..... lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls ..... bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls .... lb. .14 - .16
western, bls ..... lb. .10½ - .11
Podophyllin, dms., dlvd., E. of Miss .. lb. 4.50 - 4.70
Poke root, bls ..... lb. .07 - .07½
Pomegranate bark, bgs ..... lb. .16 - .17
Root bark, bgs ..... lb. .25 - .26
Poppy flowers, red, bls ..... lb. .90 - 1.00
Seed, Dutch, bgs ..... lb. .07¾ - .08¼
Polish, bgs ..... lb. .07½ - .08
Potash abietate ..... lb. .08 - —
Acetate, tech., bbls., dlvd .. lb. .26 - —
kgs., dlvd ..... lb. .28 - —
USP, bbls., 250 lbs ..... lb. .28 - —
kgs., 100 lbs ..... lb. .30 - —
cns., 25 lbs ..... lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs .. lb. .11 - —
demj., 50 lbs ..... lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .15 - —
kgs., 100 lbs ..... lb. .17 - —
gran., bbls., 250 lbs ..... lb. .15 - —
kgs., 100 lbs ..... lb. .17 - —
Bichromate, spot, c.l., works .. lb. .09¾ -
6 casks or 10 bbls., or over, works .. lb. .09 - —
5 casks or 9 bbls., or less, works .. lb. .09¾ -
Bromide, USP, gran., bbls., 500 lbs .. lb. .31 - —
fib., dms., 100 lbs ..... lb. .32 -
Carbonate, calc., dms., c.l., works .. lb. .06½ -
l.c.l., same basis ..... lb. .06¾ -
hydrated, 83-85%, bbls., c.l., works .. lb. .05½ - —
l.c.l., same basis ..... lb. .06¾ -
liquid, dms., c.l., dlvd ..... lb. .03 - .04
l.c.l., dms ..... lb. .03½ -
tanks, dlvd ..... lb. .02.87½ -
USP, gran., bbls., 325 lbs .. lb. .13½ - —
powd., bbls., 325 lbs ..... lb. .19 - —
kgs., 100 lbs ..... lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works .. lb. .07 - —
l.c.l ..... lb. .07¼ - .07½
import, dms ..... lb. .07 - .07½
liquid, 45% basis, dms ..... lb. .03½ - .03¾
tanks ..... lb. .02¾ - —
solid, 88-92%, dom., dms., c.l., works .. lb. .06¼ - —
l.c.l ..... lb. .06½ - .06¾
import, dms ..... lb. .06½ - .06¾
Chlorate, cryst., kgs ..... lb. .09¼ - .09¾
gran., kgs ..... lb. .12 - .13
powd., kgs ..... lb. .08½ - .09
Chloride, tech., 98%, cryst., bgs., kgs .. lb. .04 - .06
Chromate, kgs ..... lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs .. lb. .33½ - —
kgs., 100 lbs ..... lb. .34½ - —
cns., 50 lbs ..... lb. .35½ - —
cns., 25 lbs ..... lb. .37½ - —
Cyanide, cns., dms ..... lb. .50 - .55
Cyanide, gold, 41% gold, bots., works .. oz. 14.20 - 15.45
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots .. lb. .90 - —
100-lb. lots ..... lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns ..... lb. 1.15 - —
Gualacolsulphonate, fib., dms., 100-lb. lots .. lb. 1.60 - 1.65
cns., 25 lbs ..... lb. 1.75 -
Hydroxide, USP, sticks, cns., 100 lbs. .30¼ - .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs ..... lb. .75 - —
Iodate, bots., 5 lbs ..... lb. 3.31 - 3.35
cns., 25 lbs ..... lb. 3.20 - —
Iodide, bbls., 250 lbs ..... lb. 1.13 - —
bots. or cns ..... lb. 1.22 - 1.48
dms ..... lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports .. ton. 12.75 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports .... unit-ton. .58½ - —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½ - —
Metabisulphite, kgs ..... lb. .11 - .12½
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½ - —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports. unit-ton. .53½ - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs .... lb. .30 - .31
tech., bbls ..... lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works .... lb. .09 - .10¼
Permanganate, tech., dms .... lb. .18½ - .19
Prussiate, red, bbls ..... lb. .30½ - .34
Yellow, bbls ..... lb. .14 - .15
Ricinoleate, tech., bbls ..... lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs .. lb. .13 - —
kgs., 100 lbs ..... lb. .15 - —
powd., bbls., 350 lbs ..... lb. .14 - —
kgs., 100 lbs ..... lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports .. ton. 38.00 - —
l.c.l ..... lb. .13½ - —
Xanthate, dms., c.l ..... lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships, ton. 25.75 - —
Potash-titanium oxalate, kgs .... lb. .38 - .40
Prickly ash bark, bls ..... lb. .10 - .15
Berries, bgs., to arrive ..... lb. .25 - .30
Prince's pine herb, bls ..... lb. .16 - .17
Propane, tanks, G.S ..... gal. .08 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls ..... lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works .. lb. .03 - —
less than 3, works .. lb. .03½ - —
F and 1, bbls., 3 or over, works .. lb. .03½ - —
less than 3, works .. lb. .04 - —

Petroleum—Red, Cadmium

Pumice stone, Italian, Amer.-grd., O, O-½, O-¾, and ½ bbls., less than 3, works .. lb. .04½ - —
3 or over, works .. lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y. .. ton. 33.65 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse .. ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse .. ton. 40.70 - —
single bgs., ex whse. ton. 45.70 - —
Pumpkin seed, bgs ..... lb. .09 - .10
Purple lake (see Red).
Putty, com'l, dms ..... 100 lbs. 6.00 - —
linseed oil, raw, dms .... 100 lbs. 4.50 - —
refined, dms ..... 100 lbs. 5.00 - —
standard, dms ..... 100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand .. gal. 6.45 - 6.60
basis (30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand .. gal. 9.55 - 9.70
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over .. lb. .29 - .29½
fine powd. Japan, bbls., ton lots frt. alld .. lb. .30 - .31
Pyridin, denaturing, dms .... gal. 1.63 - —
refd., 2°, dms ..... lb. .50 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports .. unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins .. lb. 2.15 - 2.40
resublimed, fib. dms., tins .. lb. 4.60 - —
Pyrophyllite, standard, 200 mesh., c.l. mines .. ton. 9.00 - —
325 mesh, same basis .... ton. 12.00 - —
No. 3, 200 mesh, c.l. mines .. ton. 7.50 - —
325 mesh, same basis .... ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works .. lb. .12 - —
black, cs., works ..... lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works .. lb. .10 - —
gray, cs., works ..... lb. .08 - —
mixed, mottles, opaque, cs., works .. lb. .04 - —
shell-demi, cs., works ..... lb. .12 - —
translucent pastels, cs., works .. lb. .10 - —
shell-demi, transparent, cs., works .. lb. .20 - —
colors, cs., works ..... lb. .12 - —
shavings, amber, cs., works .. lb. .16 - —
colors, mixed, cs., works .. lb. .10 - —
white, cs., works ..... lb. .15 - —

Q

Quassia chips, bls ..... lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works .. lb. .03¾ - —
tanks, works ..... lb. .02¾ - —
solid, 63%, bgs., c.l., ex dock, plus duty .. lb. .04 - —
clarified, 64%, bgs., c.l., same basis .. lb. .04¼ - —
Queen of the meadow leaves, bgs .. lb. .07 - .09
Root, bgs ..... lb. .08 - .09
Quercitron, extract, liquid, 51°, bbls .. lb. .07½ - .09¼
solid, dms ..... lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N. Y.—flasks. 90.00 - 92.00
European, flasks, (76 lbs. net) in bond .. flask. 72.00 - —
Quince seed, bgs ..... lb. .70 - 1.10
Quinidine, cryst., small, cns ... oz. .90 - —
large, cns ..... oz. .98 - —
powd., precip., cns ..... oz. .91 - —
Sulphate, cns ..... oz. .67 - —
Quinine, 100 ozs., cns ..... oz. .76 - —
Acetate, cns ..... oz. .80 - —
Arsenate, cns ..... oz. .80 - —
Arsenite, cns ..... oz. 1.01 - —
Bisulphate, cns ..... oz. .54 - —
Citrate, cns ..... oz. .72 - —
Dihydrobromide, bots ..... oz. .75 - —
Dihydrochloride, bots ..... oz. .75 - —
Ethylcarbonate, cns ..... oz. .75 - —
Ferrocyanide, cns ..... oz. 1.01 - —
Formate, cns ..... oz. .94 - —
Glycerophosphate, cns ..... oz. 1.14 - —
Hydrochloride, cns ..... oz. .68 - —
Hydrochlorosulphate, cns .... oz. .75 - —
Hydroiodide, cns ..... oz. .90 - —
Hypophosphite, cns ..... oz. .90 - —
Phosphate, cns ..... oz. .82 - —
Salicylate, cns ..... oz. .73 - —
Sulphate, USP, X, cns ..... oz. .54 - —
USP, XI, cns ..... oz. .61 - —
Sulphocarbolate, cns ..... oz. .97 - —
Tannate, cns ..... oz. .57 - —
Tartrate, cns ..... oz. .97 - —
Valerate, cns ..... oz. .80 - —
Quinine-urea hydrochloride, cns. oz. .75 - —

R

R. salt, dry, bbls ..... lb. .55 - —
paste, dms ..... lb. .52 - —
Rapeseed, Belgian, bgs ..... lb. .0585 - .0605
Dutch, black, bgs ..... lb. .06¾ - .07¼
red, bgs ..... lb. .07¼ - .07⅝
Japanese, bgs ..... lb. .0600 - .0630
Raspberries, dried, bls ..... lb. .35 - .38
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis .. lb. 1.10 - 1.20

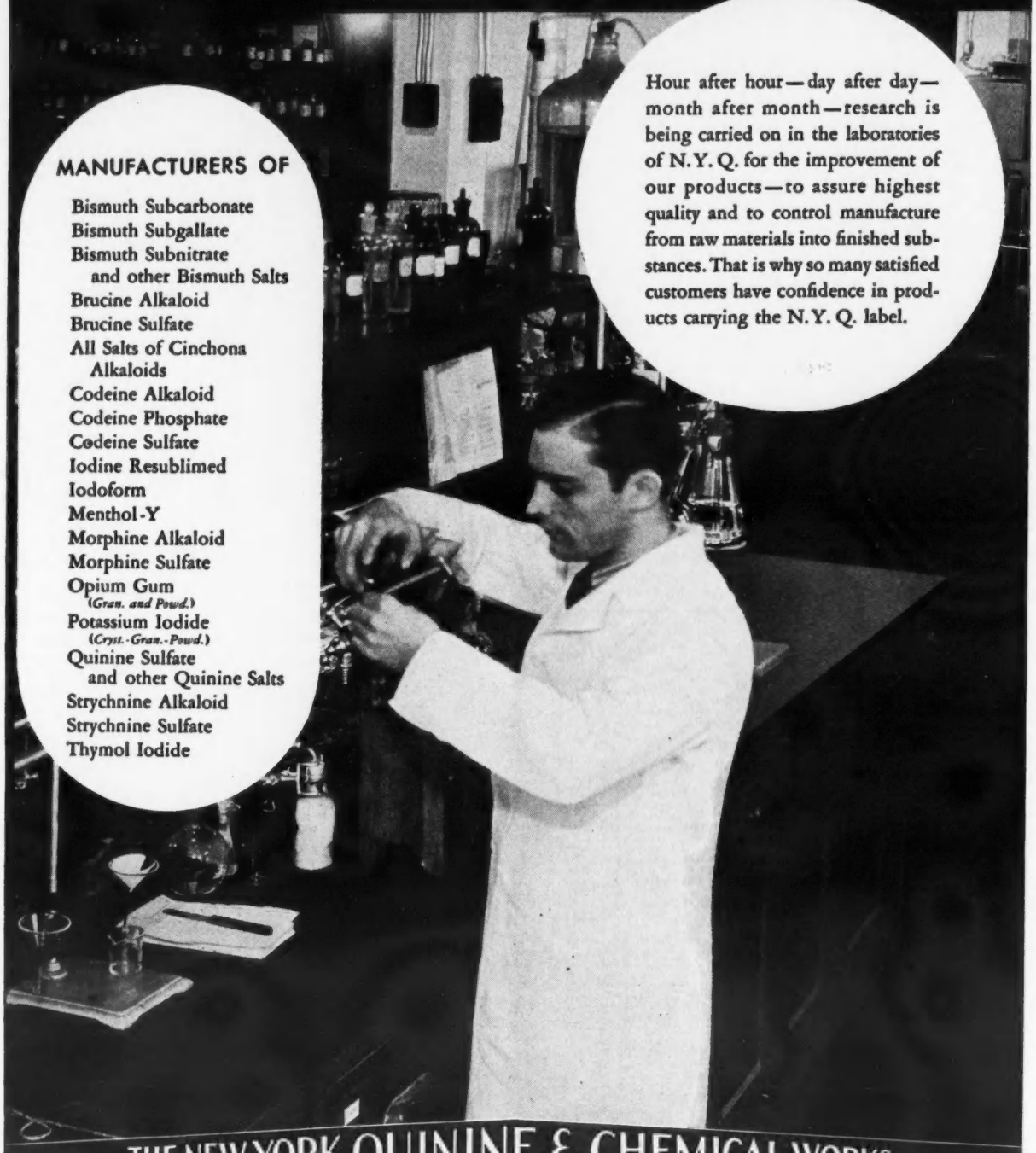
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago

Red, cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld .. lb. .35 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis .. lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis .. lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis .. lb. .95 - —

V 135 124 JUN 1939 XUM

"MAN-HOURS OF RESEARCH"...

Do you realize how many are spent in the constant improvement of N. Y. Q. products?



MANUFACTURERS OF

Bismuth Subcarbonate
Bismuth Subgallate
Bismuth Subnitrate
and other Bismuth Salts
Brucine Alkaloid
Brucine Sulfate
All Salts of Cinchona Alkaloids
Codeine Alkaloid
Codeine Phosphate
Codeine Sulfate
Iodine Resublimed
Iodoform
Menthol-Y
Morphine Alkaloid
Morphine Sulfate
Opium Gum (*Gran. and Powd.*)
Potassium Iodide (*Cryst.-Gran.-Powd.*)
Quinine Sulfate
and other Quinine Salts
Strychnine Alkaloid
Strychnine Sulfate
Thymol Iodide

Hour after hour—day after day—month after month—research is being carried on in the laboratories of N. Y. Q. for the improvement of our products—to assure highest quality and to control manufacture from raw materials into finished substances. That is why so many satisfied customers have confidence in products carrying the N. Y. Q. label.

THE NEW YORK QUININE & CHEMICAL WORKS INC.

GENERAL OFFICES
99-117 North Eleventh Street, New York, Borough of Brooklyn

ST. LOUIS DEPOT, 915 MARKET STREET, ST. LOUIS, MO

NYQ NYQ

Red, cadmium, maroon shade, bbls., smaller lots, same basis..lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.60 - —
Red, carmine, 40 1-lb. cns., 500 lbs..lb. 4.15 - —
dms., 500-lb. lots.....lb. 4.00 -
100-lb. lots .....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06¾- —
80%-85%, bbls., same basis. lb. .07¼ —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake to 1.35 -
Maroon lake, 25%, kgs., same basis alizarin lake conrcts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.56 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works.lb. .06¾- —
l.c.l., works .....lb. .09¼- —
shell, dom., ca., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Red, Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.00 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 500 lbs.lb. 1.47 - 1.48
smaller lots .....lb. 1.51 - 1.59
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.81 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 5.55 -10.90
Rhubarb root, cs.....lb. .46 - .48
powd., bbls., kgs.....lb. .50 - .52
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots.....lb. .19¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .17¾- —
smaller lots.....lb. .18¼- —
Rose flowers, pale, bls.....lb. .40 - .45
red, bls. .....lb. 2.20 - 2.25
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 4.60 - —
D, bbls.....280 lbs. 5.15 - —
E, bbls.....280 lbs. 5.35 - —
F, bbls.....280 lbs. 5.70 - —
G, bbls.....280 lbs. 6.10 - —
H, bbls.....280 lbs. 6.35 - —
I, bbls.....280 lbs. 6.40 - —
K, bbls.....280 lbs. 6.40 - —
M, bbls.....280 lbs. 6.50 - —
N, bbls.....280 lbs. 6.70 - —
W. G., bbls.....280 lbs. 7.25 - —
W., bbls.....280 lbs. 7.45 - —
X, bbls.....280 lbs. 7.45 - —
Rosin, wood, bbls.....280 lbs. 4.00 - 5.45
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
import, lump, bbls.....lb. .14 - —
powd., bbls.....lb. .08¼- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .22 - .23
Saffron, Mexican, bls.....lb. .25 - .26
Spanish, tins.....lb.29.00 -31.00
Safrol, cns.....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls.....lb. .06½- .06¾
Sago flour, bgs.....lb. .02½- .03½
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l. dlvd., N.Y...ton.14.00 - —
l.c.l., dlvd. N.Y.....ton.15.00 -19.70
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).

Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.40.00 -42.00
resale, cns. .....lb.19.00 -21.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .35 - .36
Mexican, bls. .....lb. .15 - .16
Sassafras, bark, ord., bls.....lb. .12 - .13
select, bls. .....lb. .18 - .20
Savory, bbls. .....lb. .07½- .07¾
Saw palmetto berries, bgs....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14⅝- —
smaller lots .....lb. .15½- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots .....lb. .15⅝- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases .....lb. 1.75 - —
Senega root, bls.....lb. .80 - .82
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls. .....lb. .09 - .09½
Tinnevelly, No. 1, bls....lb. .10 - .11
2 bls. .....lb. .07½- .08
3 bls. .....lb. .05 - .05½
powd., bbls., bxs.....lb. .09 - .10
Pods, bls. .....lb. .05½- .06
Serpentaria root, bls. .....lb. .68 - .70
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .18 - .19
dlvd. Boston .....lb. .18½- .19½
Chicago .....lb. .18¾- .19¾
Pacific Coast.....lb. .21 - .22
bonedry, refd., bbls., f.o.b., N.Y..lb. .25 - —
dlvd. Boston .....lb. .25½- —
Chicago .....lb. .25¾- —
Pacific Coast .....lb. .28 - —
Garnet, bgs.....lb. .12½- .18
Orange, D.C., VSO., Diamond I, cases..lb. .19 - .20
Superfine, bgs., f.o.b. Bost., N. Y..lb. .10 - .10½
dlvd., Chicago .....lb. .10½- .11
Pacific Coast.....lb. .13 - .13½
Shellac, T.N., bgs., f.o.b. Bost., N.Y..lb. .09½- .10
dlvd. Chicago.....lb. .10 - .10½
Pacific Coast.....lb. .12½- .13
Shellac varnish, orange, 5-lb. cut., bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Cyanide, cns., 1,000 ozs.....oz. .39½- —
500-999 ozs.....oz. .39⅝- —
80-499 ozs.....oz. .39⅝- —
16-79 ozs.....oz. .42¼- —
Nitrate, vis.....oz. .31½- .33½
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .26 - .28
Skatol, bots. .....lb.75.00 -80.00
Skullcap, Eastern, bls... ....lb. .16 - .17
Western, bls. .....lb. .14 - .17
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works .....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts. .....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls. .....lb. .10½- .12
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .13 - .14
powd., bbls. .....lb. .15 - .16
Soda, acetate, anhyd., dms., dlvd. lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms., bbls., works.lb. .71 - .95
Antimoniate, bbls. .....lb. .11½- .12
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
58%, l.c.l., Zone 1..100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.90 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —

Soda ash, light, 58%, bbls., l.c.l., Zone..100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.. lb. .06⅞- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
63 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lb. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.81 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms.. c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08⅝- —
smaller quantities.....lb. .08⅝- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 83-85% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs. .....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd. 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea bgs., c.l., works..100 lbs. 2.60 - —
works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —

Soda, hyposulphite, pea, 5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks.. 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks., 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.50 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.60 - —
refd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.53 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.73 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11½- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .09½- —
contracts .....lb. .09 - —
smaller lots.....lb. .09¾- —
contracts .....lb. .09¼- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd..100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04½- .04⅝
import, bbls. .....lb. .03½- .04
Stannate, dms.....lb. .32 - .35
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.. 100 lbs. 3.00 - —
solid, bbls., l.c.l., 5 tons or over, dlvd..100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.25
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .38 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .28 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .28 - —
W. coast, f.o.b., Minnequa, Colo..gal. .28 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15¼- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .17½- .18
Spikenard root, bls.....lb. .11 - .13

V 135 124 JUN 1939 XUM

...HAS STOLEN THE SHOW!

Its Performance in Tinted Exterior Coatings Gives New Meaning to Durability

Tinted Exterior House-Paints... Porch and Deck Enamels...Tinted Enamels for Outdoor Use...

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● *Our Service Department invites inquiries regarding* TITANOX-L *or any other of the* TITANOX *pigments.*

As a base for tinted paints and enamels TITANOX-L (Lead Titanate) has swept the boards in its few years of commercial activity. Now the "little yellow brother" of the TITANOX group is a highly valued aid in paint plants engaged in the manufacture of exterior and industrial coatings. Everywhere, reports tell, it is giving unprecedented value in tint retention, delayed chalking, resistance to cracking and flaking—all with increased life service to the paint film.

And why this great popularity? Because TITANOX-L has an ultra violet light absorption of practically 100 per cent. To the actinic rays of the sun it says, "You shall not pass!"

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Sole Sales Agent for

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TITANOX — THE NEW WHEEL HORSE OF THE PAINT INDUSTRY — REG. U.S. PAT. OFF.

TITANOX

TRADE MARK

Spruce extract, reg., bbls., c.l., works..lb. .01⅝- —
tanks, works.....lb. .01½- —
powd., super, bgs, c.l., works. lb. .04 - —
super, bbls., c.l., works.....lb. .01⅞- —
tanks, works.....lb. .01⅝- —
Squawvine leaves, bls.....lb. .11 - .12
Squill, red, bls.....lb. .14 - .15
white, bls.....lb. .06½- .07
powd., bbls., bxs.....lb. .13 - —
St. Ignatius beans, bgs.....lb. .40 - .42
St. John's bread, edible, bls., lb. .07 - .07½
inedible, bls.....lb. .05 - .06
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.55 - 2.85
divd., N. Y. .....100 lbs. 2.90 - 3.10
powd., bgs., f.o.b. Chicago, 100 lbs. 2.65 - 2.95
divd., N. Y. .....100 lbs. 3.00 - 3.20
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bgs.....lb. .05 - —
Staveacre seed, bgs.....lb. .15 - .16
Stearin, oleo, bbls.....lb. .05⅞- .06
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - 14
Seed, bgs.....lb. .09 - .10
Strontium bromide, ßb, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .20 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., ßb. .16½- .17½
Chloride, bbls.....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works. lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.05 - 1.10
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz lots oz 68 -
Asenate, 25-oz., cns., 100-oz. lots..oz. .68 - —
Strychnine, arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .68 - —
Hypophosphite, 25-oz. cns., 100 oz. lots..oz. 77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .52 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb., bots....lb. 1.40 - —
ßb., dms., 1,000 lbs., 1 delivery, lb. 1.00 - —
100 lbs. .....lb. 1.05 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports. contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia ports, bulk, contract.. long ton.22.00 - —
flowers, bgs., c.l., works. 100 lbs. 3.00 - —
Luis., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.25
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works. 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3 30 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.50
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l., wks..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works. 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3 40
bbls., works....100 lbs 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99½%, c.l., frt. alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
redned, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .08 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .09 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Precip., USP bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.66.50 - —
leaf, bls.....ton.69.00 - —
Extract, 42°, bbls.....lb. .05¼- —
61°, bbls.....lb. .06½- —
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .05 - .05½
poultry, bgs.....lb. .03¾- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs , c.l., mills.....ton.17.00 - —
Talc., dom., N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls..lb. .05½ Nom.
extra, loose.....lb. .05⅝- —
special, loose.....lb. .05¼- —
vegetable, ship, cs.....lb. .06½ Nom.
sulphonated, 55% (24% fat), dms., c.l..lb. .03⅞- —
l.c.l. .....lb. .04⅞- —
50% (43% fat), dms., c.l., lb. .05⅝- —
l.c.l. .....lb. .06⅝- —
50% (48% fat), dms., c.l..lb. .05⅞- —
l.c.l. .....lb. .06¼- —
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.00 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 3.35 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.25 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.35 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, June shipt. unit-ton. 3.25 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .02½- .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .25 - .26
ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .35 - .37
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchlorocthylene).
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .10¼- .10½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs. .....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
6% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd....lb. .43½- .46
Crystals, bbls., kg.....lb. .38 - .38½
Metal, Straits.....lb. .4885- —
Oxide, bbls. .....lb. .52 - .54
Tetrachloride, anhyd., bbls..lb. .24¾- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .14 - —
l.c.l., 5 tons, E. frt. pd. lb. .14¼- —
Pac. Cst., ex whse..lb. .14¼- —
1,000-9,999 lbs., E. frt. pd..lb. .14½- —
Pac. Cst., ex whse..lb. .14½- —
50-999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse..lb. .14¾- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
bbls., c.l. (20 tons), frt. pd. lb. .14¼- —
l.c.l., 5 tons, E. frt. pd. lb. .14½- —
Pac. Cst., ex whse....lb. .14½- —
1,000-9,999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse....lb. .14¾- —
50-999 lbs., E. frt. pd....lb. .15 - —
Pac. Cst., ex whse....lb. .15 - —
chalk-resistant, bgs., c.l. (20 tons), frt. pd..lb. .15 - .17
l.c.l., 5 tons, frt. pd....lb. .15¼- .17½
1,000-9,999 lbs., frt. pd..lb. .15½- .17½
5-999 lbs., frt. pd.....lb. .15¾- .17¾
Under 50 lbs., frt. pd..lb. .18 - .20
phthalate-treated, bgs., c.l. (20 tons), frt. pd..lb. .22 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse..lb. .22¼- —
1,000-9,999 lbs., E. frt. pd..lb. .22½- —
Pac. cst., ex whse..lb. .22½- —
50-999 lbs., E. frt. pd..lb. .22¾- —
Pac. cst., ex whse..lb. .22¾- —
under 50 lbs., frt. pd. lb. .25 - —
bbls., c.l. (20 tons), frt. pd. lb. .22¼- —
l.c.l., 5 tons, E. frt. pd..lb. .22½- —
Pac. Cst., ex whse..lb. .22½- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
Pac. Cst., ex whse..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .23 - —
Pac. Cst., ex whse..lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., D. frt. alld..lb. .05¾- —
l.c.l., dlvd.....lb. .05⅞- —
Pac. cst., ex whse..lb. .05⅞- —
under 50 lbs., E. dlvd.lb. .06⅛- —
bbls., c.l., D., frt. alld..lb. .05⅞- —
l.c.l., E., dlvd.....lb. .06¼- —
Pac. Cst., ex whse..lb. .06½- —
Tolidin base, distilled, kgs....lb. .38 - —
Tolu, balsam, cns.....lb. .45 - .46
Toluidin, mixed, dms.....lb. .26 -
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. 22 - —
Nitration, dms., wks.....gal. 28⅛- —
tanks, E. of Omaha, frt. alld. gal. .23¼- —
Tonga vine, NF, bls.....lb. .26 - .28
root, bls....?.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .85 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
5 dms., same basis.....lb. .08½- —
less than 5 dms., same basis. lb. .08¾- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
5 dms., same basis.....lb. .09 - —
less than 5 dms., same basis. lb. .09¼- —
Zone 3, dms., c.l., works, frt. all..lb. .09 - —
5 dms., same basis.....lb. .09½- —
less than 5 dms., same basis. lb. .09¾- —
zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
5 dms., same basis.....lb. .09½- —
less than 5 dms., same basis. lb. .09¾- —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .86½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs...lb. .06¼- .06½
Madras, bgs.....lb. .06¾- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .29¼- —
l.c.l., 10 ex dock.....gal. .31¼- —
5, ex dock.....gal. .33¼- —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08 - .09

V

Valerian root, bls.....lb. .09½- .10
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.27.00 -29.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.50 - 6.00
Mexican, tins .....lb. 5.50 - 6.00
cuts, tins .....lb. 5.25 - 5.50
South American, tins.....lb. 5.25 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.25 - —
1-lb. tins.....lb. 2.35 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
ex lignin, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .38 - .39
tree .....lb. .19 - .22
Wattle bark, bgs., shipt.....ton.34.50 -38.00
Extract, solid, bags.....lb. .04 - —

Spruce Extract—Xylidin

Wax, bayberry, import, bgs...lb. .22½- .23
Bees, white, bleach, slabs, cs., 500 lb. lots..lb. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .19½- .20
1 bg.....lb. .20 - .20½
Brazil, bgs., 5-10 ton lots. lb. 22½- .23
1 ton.....lb. .23 - .23½
500 lbs.....lb. .23½- .24
100 lbs.....lb. .24 - .24½
refd., slabs, cs., lbs....lb. .25½- .26
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .29½- .30½
5 bgs.....lb. .30 - .31
1 bg.....lb. .30½- .31½
N. C. 2, bgs.....lb. .35½- .36
N. C. 3, bgs., 1 ton.....lb. .31 - .31½
5 bgs.....lb. .31½- .32
1 bg.....lb. .32 - .32½
refined, bgs.....lb. .34¼- .35¼
yellow, No. 1, bgs., 1 ton..lb. .41½- .42
5 bgs.....lb. .42 - .42½
1 bg.....lb. .42½- .43
No. 2, bgs.....lb. .41 - .41½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09¼- —
jobbing lots .....lb. .10½- —
160° m.p. bgs., 1 ton....lb. .10½- —
jobbing lots .....lb. .11¼- —
Japan, cs.....lb. .11¼- .11½
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .53 Nom.
74°-76° C., bgs.....lb. .58 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.89 - —
dms., 50 lbs., or more...lb. 1.76 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l. works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60- 17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works .....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.00 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .07½- .08
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormwood, American, bgs....lb. .07 - .08
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
W. Coast, f.o.b Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

—Continued on page 34

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Biggest Job For Congress

For lasting, necessary, and not largely psychological effects it is far more important that Congress amend the labor relations act than it is that the methods of Federal taxation of corporations be changed. But, Congress apparently intends to quit work, to walk out, to go home without doing this most important job. It is time that the majority of the people, that majority which desires equity and effectiveness in the labor relations law, made plain to their representatives in Congress that they must finish this job or they will find their "fences" wrecked beyond repair when they get home.

The Congress is the hired lawmaking agency of the people of the United States. The President of the United States is not the people; neither is the Secretary of Labor nor the National Labor Relations Board. Not even the Congress for Industrial Organization measures up to that stature. And although the convening and the adjourning of Congress are ordered by certain fundamental rules, the majority of the people have in their hands the means of insisting upon due regard for their wishes. They can fire, as well as hire, their lawmakers.

It is true that some measure of the dissatisfactory operation of the labor relations act results from administrative penchants. This is all the more reason why the law should be amended; for a statute that depends for its effectiveness on the whims of its administrators is not in keeping with democratic principles.

The labor relations act wants equalization in the rights which it declares and the responsibilities which it imposes. This fault is fundamental, not administrative. The act falls short of its declared purpose by its lack of a mandate that disturbances of labor relations be settled by mediation. This would not throttle the right to strike, but it would prevent the enormous monetary losses which prolonged deadlocks impose on employers and employees alike, and the inevitably consequent inconvenience and suffering of the public.

Business, in all its elements, should emphatically demand of Congress prompt amendment of the labor relations law. Recognizing that progress must go from here, it should so direct its efforts that the law is emended, not emasculated.

Safety Service

Service is not now the overworked fetish in business circles that it was some two decades ago. But, there is far more real service in business operations than there was then or at any other time. And of no other industry is this more true than it is of the chemical industry.

There are many plain reasons for the high development of service by the chemical industry. Manufacturers and other suppliers of the chemical materials of industry know that the measure of their markets is the measure of their service to consumers. Technical developments present competition that can be met only by fully satisfying the needs of the consumer and helping him in his problems.

So it is that technical advisers or processing service men have a most important part in the selling of chemicals. Another commendable service for consumers which the chemical industry is excellently performing is that of safeguarding the handling of hazardous chemicals in their transportation and in their process utilization. In this undertaking the industry has gone far from the policy of *"Caveat emptor!"* It gives the buyer protection, in an important sense of the word.

The Manufacturing Chemists Association has published twenty-two manuals of rules of safe handling and warning labeling of chemicals. It is collecting and disseminating information on the prevention of accidents, its work in this connection being ably supplemented by that of the Chemical Division of the National Safety Council. In chemicals, safety service, as well as safety, pays.

—O-P-D—

Will All Dyes Be Certified

Manufacturers and distributors of coal-tar dyes are getting a broader and a broadening experience through the growing interest of government in the welfare of the consumer. They have been dealing with certified colors for foods for some thirty-three years. They are now learning about the idea of further consumer protection by way of the new Federal law's requirement that the synthetic colors used in drugs and cosmetics must also be certified. And they are faced with the possibility that further interest in the consumer may be manifested similarly with reference to dyes for textiles.

A bill has been introduced in Congress looking to the establishment by the National Bureau of Standards of standards of performance for all manner of commodities. The dye industry is brought into this latest picture by one of the examples stated by the sponsor of the bill in support of the necessity for its enactment. He said:—

> Thus, color as such would not be standardized, but color fastness, for example, is a part of performance. If a dress is blue, a housewife is entitled to know how long it will stay blue.

The buyer is becoming less and less needful of the ancient advice that he, or she, beware. The buyer is becoming wary, and in his wariness he is becoming insistent, as a group of fifty-seven executives of better business bureaus asseverated in conclave last week, that a means be provided whereby he can learn how to get fair value for his money. Taking him by and large, he has been doing pretty well for himself for many generations; but, of late, he is being "educated" to the idea that he can do much better. The consumer movement into the affairs and practices of trade has only started.

The bill that might result in certification of the color fastness of textiles—through consumer pressure, not that of government, be it understood, because this bill is aimed in a different direction—this bill, then, is not likely to be passed in the present, already overloaded and more-than-ready-to-go-home session of Congress. But, its potentialities should get early study by manufacturers and distributors of textile colors. They might, perhaps wisely, already ask themselves what they would do with respect to the dyer who persisted in his demand for colors at a price which is incompatible with fastness. The customer is always right, whether he be a maker of cheap textiles or an insister upon eternally blue shirts. But, the cheap textile man could not sell goods to be made into shirts for the man with the "eternal blues." So what?

The buyer is getting more and more insistent—and more and more assistance. It would not be astonishing that, having got a guaranty against dyes that might harm his internal or external anatomy, he some day gets insurance against the paling of his raiment.

—O-P-D—

'Loss Leaders' Stay in N.Y.

The Governor of the State of New York has vetoed a bill that would have prohibited the selling of goods below cost and put an end to the use of "loss leaders," the "come-on" by means of which certain dealers are able to sell high-profit goods to gullible believers in bargains. The governor vetoed the bill because of his conviction that it could not possibly be enforced. Apparently he was not antipathetic toward the purpose of the measure.

Because "loss leader" laws are in successful operation in other States and have been upheld by their courts, whatever was behind the New York executive's opinion is a sorry commentary on the ability of the prosecuting authorities of this State. One may find an intimation of the fault in the frequent necessities for the appointment of special prosecutors in some counties. But, it is astonishing to learn that this inability or inefficiency is officially regarded to be universal when faced with a test that might result in the curtailment of the deceptively acquired profits of some fairly large merchants. The influences that impede the administration of justice are many.

There are reasons to believe that many things in respect of business practices are really different in this State from those in others. Anyone who has endeavored to discover their costs from the complex financial statements of certain well-known bargain-boosters must admit that the prosecuting authorities would be hard put to find a criterion by which to determine the legality of "come-on" prices advertised by these "experts." It must also be recalled that the NRA collapsed on a New York price practice. So, the governor of the State doubtless knew what he was talking about.

On the other hand, the fair trade law appears to be doing rather well in this State, in spite of the alleged "gouging of the public" which it has enforced on one much-protesting devotee of the "come-on" system. Unfortunately the fair trade law cannot be so generally applied as could a "loss leader" law, because it is limited to branded merchandise. But, a deal of the evil at which the vetoed measure of the latter type was aimed can be eradicated by vigorous efforts to effect wider application of the fair trade act.

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1849 — IMPORTANT TO THOSE WHO WANT QUALITY — 1939

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Heavy Chemicals

Seasonal Products Help to Offset Lag in Industrial Chemicals —Fluorspar and Copperas Firm—Cyanides Remain Spotty —Blue Vitriol and Calcium Chloride Moving Better

Seasonal influences continued to work both ways in the market for heavy chemicals last week. It was doubtful, however, that the slackening in some industrial consuming lines was offset by a more normal movement of seasonal chemicals. Most quarters indicated demand was spotty, but occasional replacement orders for fair size tonnages was an encouraging factor. No pronounced pickup was anticipated over the next few months, but indications were that volume would remain stabilized around current levels. The market lacked any price development, and schedules were well maintained in most divisions.

There were no indications of any specific price movements as the deadline approaches for contract renewals in many important chemicals. Next Thursday will mark the time when producers will probably make final decisions on various schedules. Under present conditions, there was little incentive to adjust quotations in either direction. Preliminary work has been underway in renewing existing contracts for the next quarter and for the last six months, subject to final change before the beginning of the next period.

Metals and their derivatives were firm, but prices held at the levels established a short time ago. Fluorspar and copperas continued to be firm features. The position of chlorine and caustic soda was improved, with stocks of material not considered too heavy in the hands of manufacturers and consumers. Movement of alkalies continued to reflect leveling off in basic consuming industries operations. Cyanides were spotty, but replacement orders were sufficient to hold volume at satisfactory levels. Anhydrous ammonia and carbon dioxide were taken in seasonal quantities. Dry and warm weather continued to be beneficial for calcium chloride in dust control work. Buying of blue vitriol for agricultural and commercial purposes was steady. Demand for potash salts displayed little improvement. No new price developments occurred in domestic and imported soda silcofluoride. Demand for most acids was moderate and spotty. Favorable weather was a factor in maintaining interest in the market for various agricultural insecticides and fungicides.

Alums.—A steady to firm price tone ruled in the market for various materials last week. Movement of alumina sulphate, ammonia and potash alums were about moderate. April imports of alumina sulphate and alum cake totaled 190,136 pounds, valued at $3,092, of which 139,999 pounds came from Belgium and 50,137 pounds from Germany.

Ammonia, Anhydrous.—Shipments of tanks and cylinders were at seasonal levels throughout the past week. No change occurred in the quotations, and the tone of the market was firm.

Ammonia, Aqua.—Contract and spot withdrawals were spotty for various grades of material, and usually limited to nearby needs. Prices for drums, cylinders and tanks were unaltered.

Ammonia Nitrate.—Nothing new transpired in this direction, and commitments were usually along narrow lines. Quotations were without change. April imports aggregated 343,972 pounds, valued at $5,075, of which 229,000 pounds came from Belgium and 123,972 pounds from Norway.

Ammonia Silicofluoride.—The call for disinfectant purposes was about routine. No change was recorded in the prices. April imports amounted to 56,623 pounds, valued at $3,530, all of which came from the Netherlands.

Ammoniac, Sal.—The dry battery trade was giving the market moderate support, while the call from other consumers was not very large. Domestic and imported prices held unchanged. April imports totaled 2,117,826 pounds, valued at $55,111, of which 1,929,241 pounds came from Germany; 138,892 pounds from Poland and Danzig; 44,093 pounds from Belgium and 5,600 pounds from the United Kingdom.

Antimony.—The market for the domestic metal was quiet, and transactions were usually small lots. Price-wise a firm tone prevailed. No change occurred in the various derivatives and business was dull. April imports of antimony compounds were 45,946 pounds, valued at $3,833, of which 45,696 pounds came from the United Kingdom.

Arsenic.—Business was about routine in the market last week. The call for industrial and insecticide purposes was not showing any expansion. Quotations ruled steady to firm. April imports of white arsenic totaled 2,398,981 pounds, valued at $44,366, of which 994,407 pounds came from Mexico; 884,352 pounds from Sweden; 235,010 pounds from Belgium; 174,494 pounds from France and 110,718 pounds from Canada. Imports during April of red material were 67,070 pounds, valued at $8,310, of which 45,024 pounds came from Germany and 22,046 pounds from France.

Barium Salts.—Some materials entering the building trades such as the carbonate were receiving better attention. However, on the whole, business was only moderate. Quotations were unaltered. April imports of barium compounds aggregated 410,502 pounds, valued at $17,443, of which 330,292 came from Germany and 80,210 pounds from the United Kingdom.

Bleaching Powder.—Demand remained routine in this direction during the past week. Price schedules were without change. April imports amounted to 61,115 pounds, valued at $1,256, all of which came from the United Kingdom.

Blue Vitriol.—Buying for agricultural and commercial purposes was steady, and volume was reaching usual seasonal proportions. The call for water treating purposes held up well, while export business in certain sections was fully up to expectations. The market displayed a steady to firm price tone.

Calcium Carbide.—There was a steadier movement to mining channels as a result of more normal operations in the coal industry following the recent strike, while the call from chemical processors and the metallurgical trade was only routine. Prices ruled firm. April exports amounted to 136,737 pounds, valued at $5,629, of which 96,500 pounds went to Venezuela and 20,845 pounds to Honduras. Immediate steps are to be taken to establish a new industry in South Wales by the establishment of a carbide factory at Port Talbot. Another factory is to be set up in the Western Highlands of Scotland at Corpach. The Port Talbot factory will cost more than £1,000,000 and cover 150 acres. The principal plant will be at Corpach and the cost thereof has been estimated at £2,500,000, according to the American consulate general at London.

Calcium Chloride.—A more normal movement of material for dust control work was reported throughout the week. Warmer, dry weather proved very beneficial in several localities for this work by States, municipalities and counties. Demand from other con-

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.6	**146.6**	**146.6**	**149.0**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

sumers was moderate. Prices held unchanged. April exports aggregated 313,985 pounds, valued at $5,292, of which 141,078 pounds went to Cuba; 30,000 pounds to the Panama Canal Zone; 53,717 pounds to Canada; 33,600 pounds to the United Kingdom and 21,000 pounds to Mexico.

Carbon Bisulphide.—Interest in the market was steady, with the call coming for disinfectant, agricultural and solvent purposes principally. Price schedules were unaltered. April exports totaled 300,761 pounds, valued at $13,572, of which 243,155 pounds went to Canada; 30,570 pounds to Mexico and 10,886 pounds to Colombia.

Carbon Dioxide.—Warmer weather continued to stimulate seasonal interest in the market for refrigeration and beverage uses. Other consumers made fair size withdrawals. Prices were firm.

Chlorine.—The position of the market was somewhat improved, stocks of material were not considered burdensome in manufacturers or consumers hands at this time, and the price tone was steady to firm. Movement for sanitation and water treating purposes remained satisfactory, while the call from various commercial channels was undergoing some seasonal leveling off.

Cobalt Oxide.—The ceramic trade was exerting modest interest in the market last week. Pricewise a steady to firm tone prevailed. April imports were 78,094 pounds, valued at $112,051, of which 66,894 pounds came from Germany; 7,000 pounds from Finland and 4,200 pounds from France. Imports of other cobalt compounds during April aggregated 16,520 pounds, valued at $7,326, of which 16,500 pounds came from Belgium.

Copper.—Domestic copper market was quiet. However, the outside market was not a factor with most business going to producers at the 10c. per pound level. Some interest was engendered in the forthcoming statistics covering the month of May. Leading factors believe that refined stocks will decrease for the first time since October of last year. Total sales by producers for the month of May were 59,284 tons, or virtually the same as in April, when total sales approximated 59,600 tons. The renewal of the 4c. per pound duty on copper, which expired June 30, was vigorously opposed by some major companies. Buying in the foreign market was not very large. Quotations were firmer, however, ranging from 10.18c. to 10.24½c. per pound.

Copper Salts.—Business in the market for carbonate, chloride, cyanide, nitrate and oxides of copper was only moderate last week. No further price adjustments occurred, and a steady tone governed the dealings.

Copperas.—Demand continued satisfactory in this direction, and withdrawals were keeping pace with available supplies. Steel operations continued to display moderate improvement, and were scheduled at 54.2 percent of capacity, compared with 52.2 percent in the preceding week and 26.2 percent in the corresponding week a year ago.

Fluorspar.—While no material improvement took place in the domestic market, quotations were fully maintained, and the tone of the market was firm. No new developments occurred in the imported material, and prices were without change.

Lead Acetate.—A steady to firm price tone remained in evidence during the week. Usual consumers were providing the call for necessary requirements only.

Manganese Dioxide.—The call from the metallurgical, battery and ceramic trade was without much improvement, and transactions were usually routine commitments against contracts. Prices were the same.

Nickel Salts.—Quotations were well sustained in the market for the oxide, chloride and sulphate. Business was along moderate lines.

Phosphorus.—Little change occurred in the market for the red, yellow and various derivatives during the past week. Commitments were usually confined to necessary quantities. Prices were unaltered. April imports amounted to 1,501 pounds, valued at $249, all of which came from Japan.

Potash Carbonate.—Routine withdrawals against contracts usually made up the call in this direction; spot business was not very active. Prices for various grades were without change. April imports totaled 148,372 pounds, valued at $8,600, of which 147,452 pounds came from Germany.

Potash Caustic.—General demand underwent little improvement, and most factors were still following a cautious purchasing policy. Prices ruled unchanged. April imports were 308,127 pounds, valued at $19,636, of which 279,813 pounds came from Germany and 28,314 pounds from Sweden.

Potash Chlorate.—Withdrawals by the match trade and for pyrotechnic purposes was about the same as the past several weeks, and interest was steady for moderate quantities. Prices were without change. April imports of potash chlorate and perchlorate amounted to 3,364,550 pounds, valued at $200,995, of which 3,169,113 pounds came from Germany; 117,037 pounds from Switzerland; 67,200 pounds from France and 11,200 pounds from Sweden.

Potash Cyanide.—The market offered little in the way of renewed buying interest, and usual consumers confined purchases to necessary needs. Prices ruled steady to firm. April imports totaled 22,486 pounds, valued at $7,799, all of which came from Germany.

Saltcake.—Contract withdrawals by the Kraft paper industry were fairly steady, although volume was showing some seasonal tapering at this time. There were no new developments to divulge in the foreign and domestic prices. April imports totaled 12,428 tons, valued at $118,202, of which 11,722 tons came from Germany and 706 tons from Canada.

Saltpeter.—Sellers could not report any tangible improvement from various consuming sources last week. Commitments were generally moderate for nearby requirements. Prices were steady to firm. April imports aggregated 1,592,971 pounds, valued at $68,311, of which 1,543,460 pounds came from Germany; 39,258 pounds from France and 10,197 pounds from Russia.

Soda Acetate.—Transactions in the market for various grades were held to moderate proportions in most instances last week. Price schedules were in conformity with those previously.

Soda Ash.—With some seasonal leveling off taking place in major industrial consuming lines, the market displayed little improvement as far as volume sales were concerned. Necessary replacement orders gave the market moderate support from time to time. Price schedules were unchanged.

Soda Bicarbonate.—Sellers were adhering to quotations established some time ago. Contract and spot withdrawals by leading consumers remained about steady last week.

Soda, Caustic.—Shipments were moving at a moderate pace in most directions, although leading consumers were only making necessary replacements at this time. No new developments occurred in the price schedule.

Soda Chlorate.—The call for weed killing purposes was showing some mild improvement recently, but still was not up to expectations in many quarters. Prices remained the same.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

April imports were 121 tons, all of which came from Germany.

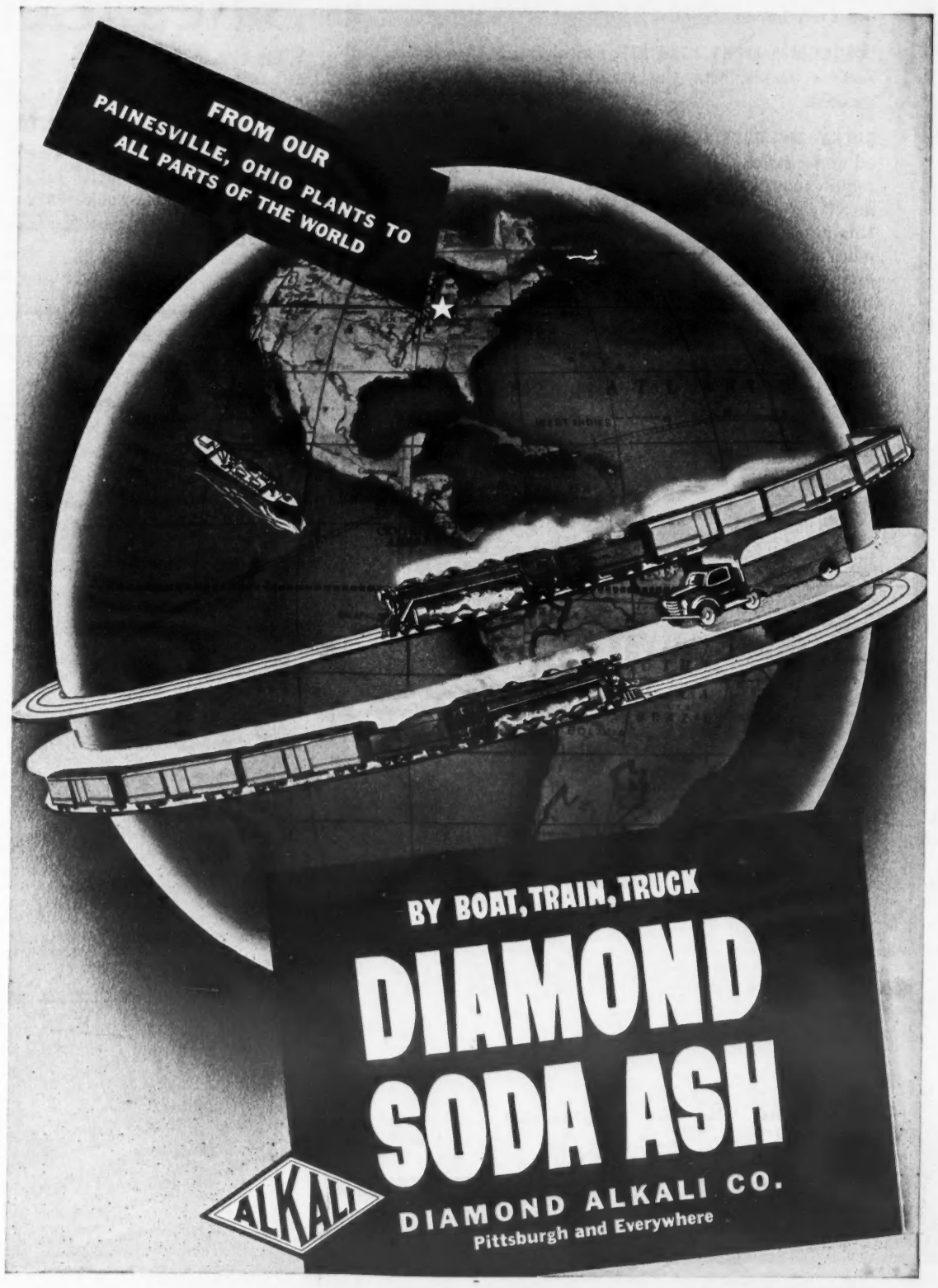
Soda Cyanide.—Trading in the market was spotty, however, some replacement orders from large consumers was sufficient to keep volume at favorable levels. Prices were without change. April imports amounted to 2,865,700 pounds, valued at $292,703, of which 1,842,836 pounds came from Canada; 766,864 pounds from Germany; 216,000 pounds from France and 40,000 pounds from the Netherlands.

Soda Fluoride.—No change was uncovered in the quotations, and withdrawals were proceeding at a modest pace in most instances. April imports were 12,359 pounds, valued at $1,795, all of which came from Germany.

Soda Hydrosulphite.—The call for bleaching purposes was not very active and most business was held close to production requirement. No change was disclosed in the quotations. April imports of soda hydrosulphite and compounds amounted to 234,621 pounds, valued at $23,040, of which 154,322 pounds came from Germany; 51,809 pounds from France; 20,480 pounds from the United Kingdom and 7,650 pounds from Switzerland.

Soda Pyrophosphate.—Interest from the soap trade and other consumers was steady, although volume was not quite as good as earlier in the year. A firm tone remained in evidence.

Soda Silicofluoride.—There were no new price developments of consequence in the domestic and foreign material



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during the past week. Demand was fair from the ceramic, glass and laundry trade. Imports during April aggregated 475,763 pounds, valued at $10,128, of which 207,563 pounds came from Denmark; 186,402 pounds from Germany and 81,763 pounds from the Netherlands.

Soda Stannate.—Quotations remained at the 32c. to 35c. per pound level, and the tone of the market was steady to firm, reflecting the firmness in the Straits metal. Business was moderate.

Soda Sulphate, Anhydrous.—Withdrawals against contracts were steady, but volume was on a somewhat moderate scale from some previous weeks. Quotations were without alteration. April imports totaled 2,239 tons, valued at $45,989, of which 2,190 tons came from Germany.

Soda Sulphite.—Basic consuming industries were entering the market from time to time for moderate size quantities, but failed to anticipate future requirements. No change was disclosed in the prices. April imports amounted to 648,968 pounds, valued at $13,368, of which 588,357 pounds came from Germany and 60,611 pounds from Belgium.

Soda Sulphite.—Business continued to move at a fair pace in most directions, with most consumers content to order for nearby needs. Prices were in line with those established some time ago. April imports aggregated 11,025 pounds, valued at $380, all of which came from Germany.

Strontium Nitrate.—Commitments were usually held to small quantities during the week just ended. A steady to firm price tone characterized the trading. April imports totaled 317,915 pounds, valued at $21,289, all of which came from Germany.

Tetrachlorethylene.—Sellers could point to some improvement in business as the result of the recent price revision. The call for solvent purposes was satisfactory, while some seasonal stimulation was taking place from the dry cleaning trade.

Tin Salts.—Quotations for various tin derivatives were unchanged, and the tone of the market was firm. Tin crystals were quoted at 38c. to 38½c. per pound; anhydrous tetrachloride of tin, 24¾c. and anhydrous stannous chloride, 45½c. to 46c. per pound. Straits metal was around 48.50c. per pound.

Uranium Oxide.—Small quantities as a rule made up the call in the market

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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last week. A steady to firm price tone predominated. April imports of the oxide and salts amounted to 71,466 pounds, valued at $100,503, of which 70,508 pounds came from Belgium.

Acids

Business in the market for various acids failed to improve last week. The general demand was moderate and spotty, with the tendency still prevalent to make spot and contract withdrawals for immediate requirements. With the leveling off in some basic consuming operations at this time, sellers were not anticipating any marked change in the character of business. Price schedules underwent no changes.

Acetic.—Shipments continue to move moderately, with some spottiness discernible. Price schedules for various grades of material were unaltered. April exports totaled 20,087 pounds, valued at $1,936, of which 10,400 pounds went to Chile. Exports of acetic anhydride during April were 59,344 pounds, valued at $7,720, of which 57,600 pounds went to Belgium.

Chromic. — Quotations held firm in the market throughout the past week. Business was along modest lines for the most part.

Formic.—A steady to firm price tone remained in evidence last week. Leading consumers, however, were not disposed to order beyond urgent needs.

Muriatic. — Interest in the market was maintained at moderately active levels. Pricewise no new developments occurred. April exports aggregated 603,744 pounds, valued at $10,307, of which, 319,131 pounds went to Cuba; 102,300 pounds to Guatemala and 86,880 pounds to Honduras.

Nitric. — Withdrawals against contracts provided most of the activity, and this was usually limited to nearby requirements. Prices ruled unchanged.

Oxalic.—Small consumers continued to supply the bulk of the business last week. A steady to firm price tone prevailed. April imports totaled 102,537 pounds, valued at $5,262, of which 99,387 pounds came from Germany and 3,150 pounds from the Netherlands.

Sulphuric. — The market displayed little renewed buying interest on the part of major industrial consumers. The tendency to limit spot and contract purchases close to production needs still predominated. Steel operations continue to expand moderately, however, and output last week was scheduled at 54.2 percent of capacity, against 52.2 percent the preceding week and 26.2 percent in the corresponding period a year ago. Price schedules were unaltered.

Baltimore, June 7.—Conditions in the market for sulphuric acid are contradictory. In point of activity by producers it is to be said that the establishments are quite busy. The production goes to take care of the business booked months ago. Apart from the manifestation of activity marked quiet prevails, and new orders are not coming out in any considerable number or in such volume as to cause for special comment. The quotations are nominally unchanged at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. The quotations on oleum are steady around $17 per ton for 20 percent supplies, both brimstone and pyrites.

Insecticides

Favorable weather was a factor in maintaining interest in the market for various agricultural insecticides and fungicides at steady levels last week. While the season is still considered late, the continuance of warm weather was expected to take up most of this lag. Attention was directed toward the Southern cotton states where temperatures were mostly seasonable, but rainfall was unfavorably heavy in much of this area. Calcium arsenate demand remained about moderate. Price situation in lead arsenate showed no new developments. Bordeaux mixture was firm, while Paris green lacked any new feature.

Bordeaux Mixture.—A steady to firm price tone continued to prevail in the market. More seasonable weather augured well for improved consumer interest in some sections last week.

Calcium Arsenate.—Much attention was still focused on the Southern cotton states at this time. In the cotton belt temperatures were mostly seasonable, but rainfall was unfavorably heavy in much of this area, according to the government weekly report. Demand was only moderate, and prices were without change.

Lead Arsenate.—No new developments transpired as far as prices were concerned, and quotations ranged the same as heretofore. Shipments were moving at a steady pace in most instances.

Paris Green.—The market was without any new feature. Transactions were on a broader scale recently as the result of the warm, dry weather in most sections. Prices ruled unchanged.

Trade Briefs

American Cyanamid & Chemical Corporation plans to construct an addition to its plant in Kalamazoo, Mich.

Robert E. Felton, of the Western branch of the Felton Chemical Company, this city, returned recently from a trip through the Pacific northwest.

Buffalo Foundry & Machine Company has opened a new branch office in Cleveland, located at 726 Keith building, in charge of Malcolm S. Adler.

I. G. Farbenindustrie, Aktiengesellschaft plans to submit to general stockholders' meeting June 26 a proposal for payment of an 8 percent dividend.

International Nickel Company has elected Lord Catto, of Cairncatto, Eng., to its directorate, succeeding to a vacancy created by the death of Sir Robert Mond.

Rumford Chemical Works, Rumford, R. I., is arranging a celebration for June 23 in commemoration of the eightieth anniversary of baking powder manufacture.

W. E. Cotter, general counsel for the Union Carbide & Carbon Company, this city, and chairman of the industry division of the Greater New York Fund, will sail June 16 for Venezuela, where he presents to the government for consideration an outline of the welfare program adopted by the fund.

Alien corporations' managing agents in this State are representatives of their principals, according to the Ehrlich bill signed by Governor Lehman, for purposes relating to levies on earnings and income of judgment debtors pursuant to judgment or garnishee executions.

Lime Association Re-elects Officers

—Continued from page 4

Magner Company, Duluth, Minnesota; Fred Witmer, of the Ohio Hydrate and Supply Company, Woodville, Ohio; B. L. McNulty, of the Marblehead Lime Company, Chicago; Reed C. Bye, of the American Lime and Stone Company, Philadelphia.

The following appoints were made to the directorate:—

Chairman, K. L. Hammond; C. C. Loomis, of the New England Lime Company, Adams, Massachusetts; H. D. Brigstocke, of the Thomasville Stone and Lime Company, Thomasville, Pa.; Reed C. Bye; S. C. Snead, of the Kimbalton Lime Company, Shawsville, Virginia; G. J. Whelan, of the Kelley Island Lime and Transport Company, Cleveland, Ohio; Russell Rarey, of the Marble Cliff Quarries Company, Columbus, Ohio; Gordon W. Hughes, of the Inland Lime and Stone Company, Manistique, Mich.; Bernard L. McNulty; Mrs. M. K. Lounsbury, of the Allwood Lime Company, Manitowoc, Wisconsin; Henry LaLiberte; Paul Sunderland, of the Ash Grove Lime and Portland Cement Company, Galloway, Missouri; Cecil R. Haden, of the Haden Lime Company, Houston, Texas; Paul H. McMillin, of the Roche Harbor Lime and Cement Company, Roche Harbor, Washington.

Felton Chemical Appoints Agents for Washington and Ore.

The Felton Chemical Company, essential oils and aromatics, this city, had the James M. Rothschild Company, Seattle, Wash., and Lang-Senders & Company, Portland, Ore., as agents for their respective States. Local stocks will be carried.

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American I. G. Names Williamson Vice-President

Hugh S. Williamson has been elected a member of the directorate of the American I. G. Chemical Corporation, this city, and appointed a vice-president.

Hugh S. Williamson

Mr. Williamson was elected to the directorate, filling the vacancy created by the resignation of Walter C. Teagle, chairman of the board of the Standard Oil Company of New Jersey.

Mr. Williamson, who received his A.B. degree from Columbia University in 1922 and his LL.B. in 1925, has been a partner for the past ten years in the law firm of Breed, Abbot & Morgan, in charge of litigation.

Cliff Corporation, Cleveland, stockholders approved June 8 changing of common shares to par value of $5 from a no par basis.

Patent Appeals Court Proposed by Hopkins

—Continued from page 4

ommended for passage. These would shorten the period within which an application for patent must be filed following the public use or publication of the invention sought to be protected; authorize the Commissioner of Patents to fix the time within which an applicant must respond to actions of the Patent Office in respect to his application; reduce from six months to three months the time allowed for payment of the final fee and abolish renewals of applications once allowed; revise the procedure for determining priority as between two or more applicants for patent on equivalent inventions and hasten a decision in such contests; prevent the copying of claims from a patent more than a year old; change the term of a patent to twenty years from the filing of the application, but not to exceed seventeen years from the date of its issuance. The last provision, the secretary says, is intended to end the practice of permitting applications to pend indefinitely in the Patent Office as a device for prolonging the protection thus afforded to the applicants, but acting to the detriment of industry and the general public.

Crown Drug Company sales in May amounted to $661,547, against $681,206 in the corresponding month a year ago.

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TAR ACIDS

For your convenience The Barrett Company announces prices on Coal Tar Acids. These products are made according to rigid Barrett manufacturing standards. Effective at once, we will accept contracts at the following prices for shipment to Dec. 31, 1939.

PHENOLS	Tank Cars	Carloads Returnable Drums	Carloads Destruct. Drums	Less Carloads Returnable Drums	Less Carloads Destruct. Drums
Technical 82-84% Phenol, lb.	10c	10½c	—	11¼c	—
Technical 90-92% Phenol, lb.	10¼c	10¾c	—	11½c	—
39° Melting Point Phenol, lb.	12c	12½c	13c	13¼c	13¾c

F.O.B. Frankford, Philadelphia, Pa., freight equalized with Newark, NJ... Follansbee, W.Va., or Indianapolis, Ind. Drums returnable at seller's expense.

MISCELLANEOUS CRESOLS	Tank Cars	Carloads Returnable Drums	Less Carload Returnable Drums
No. 1 Meta Para—less than 2°C Boiling range	10½c lb.	11c lb.	11½c lb.
No. 2 Meta Para 2° to 3°C Boiling range	9½c lb.	10c lb.	10½c lb.
No. 3 Meta Para 3° to 4°C Boiling range	8¾c lb.	9¼c lb.	9¾c lb.
No. 4 Special Cresol Distilling 50% at above 198°C and completely within 4° to 8°C	8¼c lb.	8¾c lb.	9¼c lb.
No. 5 Special Cresol distilling at least 50% below 198°C	9c lb.	9½c lb.	10c lb.
No. 6 Special Cresol distilling at least 50% at 202°C and less than 90% within 8°C range	7¾c lb.	8¼c lb.	8¾c lb.
No. 7 Cresol U.S.P.	9c lb.	9½c lb.	10c lb.
No. 8 Cresol distilling 50% at 202°-204°C and less than 98% at 208°C	7½c lb.	8c lb.	8½c lb.

CRESYLIC ACIDS			
No. 1 Cresylic Acid distilling 50% at 204°-206°C	54c gal.	55c gal.	56c gal.
No. 2 Cresylic Acid distilling 50% at 206°-210°C	50c gal.	51c gal.	52c gal.
No. 3 Cresylic Acid distilling 50% at 210°C or higher and total distillation range of over 9°C	48c gal.	49c gal.	50c gal.
No. 4 Cresylic Acid (special blends) distilling 50% at 204°-206°C	60c gal.	64c gal.	66c gal.
No. 5 Cresylic Acid (special blends) 50% at 206°-210°C	57c gal.	58c gal.	59c gal.
No. 6 Cresylic Acid (special blends) 50% at 210°C or higher and total distillation range of over 9°C	57c gal.	58c gal.	59c gal.
No. 7 Cresylic Acid distilling 50% at 210°C or higher with a total distillation range of 7° to 9°C			
(a) Distilling more than 75% at 215°C	65c gal.	69c gal.	71c gal.
(b) Distilling less than 75% at 215°C	62c gal.	66c gal.	68c gal.

XYLENOLS			
No. 1 Xylenols distilling completely within range of 5° to 7°C.	9c lb.	9½c lb.	10c lb.
No. 2 Xylenols distilling completely within 5°C, M.P. under 58°C	12c lb.	12½c lb.	13c lb.
No. 3 Xylenols with M.P. of 58°C or over	14c lb.	14½c lb.	15c lb.

F.O.B. Frankford, Philadelphia, Pa., freight equalized with Newark, N. J., Follansbee, W.Va., or Indianapolis, Ind. Drums returnable at seller's expense.

Non-returnable steel barrels 4c per gallon or ½c per lb. higher than returnable drum schedule.
Non-returnable steel barrels supplied at returnable drum prices for west coast shipments.
None of the above standard grades of cresol and cresylic acid will contain more than 20% of phenol. For mixtures containing higher percentages of phenol, prices will be quoted on request.
All products mentioned above quoted on net cash, 30 day basis.
All prices are subject to change without notice.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

America's leading manufacturer of coal-tar products
ROOFINGS • TARVIA • CHEMICALS

Coaltar Chemicals

Domestic Cresylic Acid and U.S.P. Cresol Prices Lowered—Creosote Oil, Coaltar and Pitch Quotations Extended—Coaltar Solvents Continue Firm Feature

Sharp revisions in the schedules for domestic cresylic acid and cresols featured the market for coaltar chemicals last week. The release of last half of 1939 contract prices revealed changes on the downside for high and low boiling cresylic acids and U.S.P. and synthetic resin grade cresols. Creosote oil, crude and refined coaltar and coaltar pitch prices were also released, with maximum contract prices extended for the balance of the year. Quotations for coaltar acids, intermediates and colors for the final half of the year were expected soon.

Business did not show any upward trend as far as most chemicals were concerned, although some seasonal items were moving in more normal volume. The revisions in cresylic acid prices were attributable more to the competitive conditions existing in the market for the imported material. For several weeks offerings from abroad have been at abnormally low prices for various grades of acids, and finally reflected in lower quotations for the domestic material. The change in cresols followed the lower prices for cresylic acid. Demand for creosote oil from major consumers such as the railroads and utilities was considered satisfactory at this time. While new construction work by the two important consumers was not up to normal, maintenance work was progressing to give the market ample support. Some of the lag was taken up by the other construction projects recently. Warmer weather permitted more normal consumer demand for refined naphthalene; domestic and imported crude were not commanding a great deal of attention. Some leveling off in operations of key consuming industries reflected in reduced volume for phenol, although interest from many sources remained fairly steady. Crude and refined coaltar and coaltar pitch were routine. Benzol, tuluol and xylol fully maintained their firm position. Contract and spot transactions were sufficient to keep producers supplies limited. Recent improvement in steel operations, however, augured well for production at least assuring present output on about the same basis, which was considered about adequate to provide current domestic requirements.

Coaltar acids moved through a rather dull period, with most transactions held to modest proportions. Fumaric and maleic moved steadily. April imports of acids amounted to 265,948 pounds, valued at $307,743, all of which came from Germany. Intermediates showed little evidence of snapping out of the narrow range, and, with few exceptions, business was tapering off. Anilin, dimethylanilin, nitrobenzene and phthalic anhydride remained firm. April imports of intermediates, excluding specified products, totaled 655,851 pounds, valued at $685,209, of which 644,577 pounds came from Germany. Conservative buying still took place in the market for various coaltar colors. Further curtailments were anticipated in some important consuming lines. Operations in print cloth mills in the Southeast were expected to be reduced about 25 percent in the near future. At Fall showings of leather, furs and textiles dark colors were taking the lead, with black and various shades of brown receiving the most attention.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Acid cresylic, dom., high-boil, 6c. per gal.
low boil, dom., 8c. per gal.
Cresol, syn. resin grade, ¾c. per lb.
U.S.P., ½c. per lb.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.4	125.6	125.6	126.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A firm price tone continued to characterize trading in the market last week. While some apprehension, which existed during the recent coal strike, over supplies was relieved, sellers were still scraping bottom. Spot and contract orders were being consummated as soon as possible, with some silght delays. However, inquiries from abroad were many times disregarded, since domestic needs received preference. Steel operations last week continued to reflect the moderate improvement and were estimated at 54.2 percent of capacity, compared with 52.2 percent in the preceding week and 26.2 percent in the corresponding week a year ago, according to the American Iron and Steel Institute. Operations during May averaged 48.24 percent of capacity, the lowest rate of the year, against 50.99 percent in April and 30.30 percent in May, 1938. The rate was the lowest since 46.09 percent in September, 1938. It is estimated that the annual production of benzol in Australia is approximately 3,500,000 imperial gallons, of which, practically all is produced in two by-product iron and steel plants. In 1938 there was a material increase in the capacity for production of benzol in Australia, and there will be a further increase this year. Early in 1938 new coke ovens and by-product plants were completed by a large steel company

Coaltar. — Quotations for various grades of crude and refined material will remain unchanged for the final six months of the year. Sellers were working on contracts for the balance of the period on this basis. Current demand was about routine.

Creosote Oil.—Current price schedules will be carried into the balance of the year on the same basis. Demand from principal consuming channels has been more satisfactory recently. Railroads and utilities were making favorable commitments for maintenance work at this time, while general construction work in many sections was another encouraging factor. Imports during April totaled 4,066,274 gallons, valued at $458,969, of which 3,016,474 gallons came from the United Kingdom; 1,000,000 gallons from Germany and 49,800 gallons from Canada.

Cresol.—In line with lower quotations established for domestic cresylic acid, prices for U.S.P. and synthetic resin grade were revised as follows:—U.S.P., drums, car lots, f.o.b. sellers' works, 9½c. per pound; less car lots, same basis, 10c. per pound. Special resin grade, car lots, f.o.b. sellers' works, 8¼c. per pound, less car lots, same basis, 8¾c. per pound. Contracts were being booked for the next six months on the above basis.

Cresylic Acid.—Domestic prices were adjusted, effective immediately, and contracts were being booked for shipment to December 31, 1939, on the following basis:—High boiling, car lots, freight equalized with producing points, 49c. per gallon; less car lots same basis, 50c. per gallon. Low boiling, car lots, f.o.b. sellers' works, freight equalized with producing points, 55c. per gallon; less car lots, same basis, 56c. per gallon. Competitive conditions from certain grades of imported acid was responsible for the revision.

Naphthalene.—A better movement of refined grade was discernable, warmer weather prompted improved interest from consumers recently. Dealings in the crude were only fair. Developments in the imported crude were negligible, quotations held about the same; offerings and demand were not very heavy. April imports amounted to 4,290,525 pounds, valued at $41,685, of which 2,378,763 pounds came from Germany, 432,760 pounds from Belgium, 220,450 pounds from Czechoslovakia, 551,175 pounds from the Netherlands, 534,941 pounds from Russia, and 112,056 pounds from the United Kingdom.

Pitch, Coaltar.—Price schedules were carried into the final six months at the

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

same levels. Preliminary work has started on contract renewals. Business was only routine.

Phenol.—While a leveling off in operations of some important consuming trades has reduced volume sales to some extent, general demand was fairly steady and most interests were exerting moderate demand for nearby requirements. Quotations were in conformity with those prevailing previously. Little of importance transpired in the export market.

Tar Acid Oils.—Spot and contract withdrawals were proceeding along satisfactory lines for this time of the year, with the call for disinfectant purposes steady. No change was reported in the quotations.

Toluol.—The market revealed little in the way of new developments. Sellers were having no difficulty disposing of available quantities and demand for export was good, despite the fact little material was available for this purpose. Quotations remain firm.

Xylol.—A steady interest was manifest throughout the past week. Shipments to the surface coating trade continued to delete supplies and very little surplus material was reported. Prices were firm.

Chicago Coaltar Bases

Buying of various grades of coaltar bases has been carried forward along comparatively good lines here in the last few days. While the price structure is holding fairly well, a rather good amount of business has been placed. Shipments on orders have been attaining levels that compared with those earlier noted. Benzol buying has been fair. Ruling prices, exclusive of tax, are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—Business in the market for the refined and technical grades was held to routine proportions throughout the past week. A steady to firm price tone prevailed.

Broenner's.—Usual consumers entered the market for conservatiove quantities during the week just closed. No change occurred in the quotations.

Fumaric.—Consumers as a rule were pursuing a modest purchasing policy for nearby requirements only. Pricewise a firm tone continued to govern the transactions.

Gamma.—Little of importance transpired in this direction, and business was along narrow lines for the most part. Sellers were adhering to quotations in force previously.

Maleic. — Spot and contract withdrawals were steady, however, the disposition to limit commitments to nearby needs still predominated. No change was disclosed in the quotations.

Succinic.—Quotations maintained the firmness evident for some time, and volume was not especially large during the week under review.

Other Intermediates

Anilin.—Major consumers were somewhat cautious in making withdrawals, and were content to place orders when needs became urgent in many instances. Quotations were without alteration.

Anthraquinone.—Dyestuff manufacturers were not exerting a great deal of interest in the market at this time, and purchasing was confined to necessary needs only. No change developed in the prices.

Betanaphthol.—The techincal grade was taken in limited quantities by most interests throughout the week. Quotations were in conformity with those established some time ago.

Dimethylanilin. — There was little change in the character of business from recent trading periods, and most consumers were content to order close to production requirements. Prices held firm.

Dinitrobenzene.—A steady to firm price tone continued to characterize the dealings last week. Volume of business showed little signs of expanding, but demand was fairly steady.

Nitrobenzene.—A conservative purchasing policy remained in evidence, although some consumers made fair size replacements from time to time. Quotations ruled unchanged.

Orthonitrotoluene.—Trading was on a routine basis throughout the week, and most of the business was limited to small quantities. Prices remained unchanged.

—Continued on page 30

Drug Law Colors Hearing Set for July 5

—Continued from page 5

For foods, drugs, and cosmetics:—

FD&C red No. 32.....Oil red XO

For drugs and cosmetics:—

D&C blue No. 7.....Patent blue NA
D&C blue No. 8.....Patent blue CA
D&C blue No. 9.....Carbanthrene blue
D&C green No. 7.....Acid fast green
D&C orange No. 16
Dibromodi-iodofluorescein
D&C orange No. 17
Permatone orange (permanent orange)
D&C red No. 31...Brilliant lake red R
D&C red No. 33
Acid fuchsin D (naphthalene red B)
D&C red No. 34
Deep maroon (Fanchon maroon)
D&C red No. 35.....Toluidin red
D&C red No. 36.....Flaming red
D&C red No. 37..Rhodamine B-stearate
D&C violet No. 1
Wool violet 5 BN (acid violet 6B)
D&C yellow No. 11..Quinolin yellow SS

For externally applied drugs and cosmetics only:—

Ext D&C black No. 1
Coomassie fast black (fast black BB)
Ext D&C blue No. 3.....Erioglaucin X
Ext D&C blue No. 4..Alizarin saphirol
Ext D&C blue No. 5.....Hexyl blue
Ext D&C green No. 1.Naphthol green B
Ext D&C orange No. 1
Fanchon orange (Hansa orange)
Ext D&C orange No. 2.Indelible orange
Ext D&C red No. 8
Fast reds (fast red A)
Ext D&C red No. 9.....Bordeaux red
Ext D&C red No. 10...Azo rubin extra
Ext D&C red No. 11..Fast crimson GR
Ext D&C red No. 12.....Royal scarlet
Ext D&C red No. 13
Crocein scarlet MOO
Ext D&C Violet No. 1
Anthraquinone violet
Ext D&C violet No. 2..Alizurol purple
Ext D&C yellow No. 5
Fanchon yellow (Hansa yellow)

Steel Barrel Output Up

Production of heavy type barrels and drums in April amounted to 800,292, against 709,252 in March and 678,191 in April a year ago. Shipments totaled 799,404 in April, against 710,228 in March and 680,180 in April last year. Stocks at the end of the month totaled 30,498, against 29,610 in March and 25,474 in April last year. Output of light types in April totaled 169,637, against 215,412 in March and 158,297 in April last year. Shipments in April reached 171,224, compared with 210,580 in March and 157,942 in April last year. Stocks on hand at the end of April totaled 7,734, against 7,119 in April last year.

Housing Act Extension Approved by President

—Continued from page 3

must file a certificate that the mortgageholder has refused to grant him equally favorable terms.

4. Extension indefinitely of the authority of the FHA to insure mortgages on small homes involving mortgages of not more than $5,400 for terms up to twenty-five years. Under the old bill the maximum maturity of twenty-five years reverted to twenty years, as of July 1.

5. Authorization to continue insurance of lending institutions against loss on property improvement loans up to $2,500 each with a new provision empowering the administrator to charge an insurance premium not in excess of 0.75 percent to offset a portion of operating expenses and losses.

6. Establishment of a prevailing wage scale to be determined by the Secretary of Labor on large-scale projects (section 207).

7. Revision of the conditions under which insurance may be granted on mortgages covering large-scale projects.

8. Repeal of section 210 under which the administrator was authorized to insure mortgages under special conditions in the price range up to $200,000.

Zinc Sulphate Fertilizer Use Described by Tennessee Corp.

Zinc sulphate plays the part of a "vitalizing" element, lacking in many mineral, muck, and peat soils, and makes possible increased crop yields, and improved size and flavor in fruits, nuts, grains, corn, vegetables, and other crops, according to experimental station data presented in a booklet recently issued by the Tennessee Corporation, Atlanta, Ga. The part played by zinc sulphate in the counter-action of various plant nutritional diseases is also explained in the work. Copies may be obtained from the Tennessee company, mentioning the REPORTER.

M. L. Gosney has been elected treasurer of Consolidated Oil Corporation, this city.

SYNTHETIC RESINS · ANTISEPTICS · DRUGS · DISINFECTANTS · PLASTICIZERS · DYES · SOLVENTS
EXPLOSIVES · PERFUMES
LACQUER
FLOTATION
RESINS
PERFUMES
ANTI-OXIDANTS
PROCESS
EXPLOSIVES
LACQUERS
FLOTATION
PLASTICIZERS
RUBBER RECLAIMING AGENTS · LACQUER · ANTI-OXIDANTS · OIL PURIFICATION · ANIMAL DIPS
TAR ACIDS · Phenol · Cresol · Cresylic Acid
TAR ACID OILS . . . .
of exceptional uniformity-because
1. Koppers controls coal mines . . .
2. Operates coke ovens with coal from these mines . . .
3. Produces tar from these coke ovens . . .
4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.
PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.
CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.
CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.
TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.
Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.
KOPPERS CHEMICALS AND SOLVENTS
Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . Flotation Oils . . . Creosote
OTHER KOPPERS PRODUCTS
Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber.
KOPPERS COMPANY · PITTSBURGH · PA.

Paint Ad Managers Discuss Promotion Plans

OPD Washington Bureau
June 6, 1939

All phases of paint promotion and merchandising were dealt with at a conference of advertising managers of the paint, varnish and lacquer industry, held in the Mayflower hotel today under the leadership of Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association. Impressed with the value of the exchange of ideas developed by the meeting, the advertising men voted to make the conference an annual event. Of special interest were the details of a thirteen-week business-building campaign to be conducted in Chicago next Spring on a cooperative basis. Styling with paint will be the theme of the drive, which will enlist 2,200 retailers, salesmen, jobbers and manufacturers.

Mr. Trigg presided with the exception of brief intervals when the meeting was conducted by Laurence Kiefer, secretary of the national trade sales committee of the association.

Ralph W. Emerson, executive director, exemplified the power of the clean up and paint up campaign in creating a public receptivity for specific advertising on the part of the public, comparable to the receptivity to advertising for the sale of Christmas goods which is automatically created by the sentiment which sweeps the country during the weeks of the holiday season. Mr. Trigg followed by emphasizing that the campaign cumulatively is conducted by an army consisting of literally millions of individuals ringing their neighbors doorbells and obtaining pledges from them to repair and beautify their properties in a spirit of cooperative community betterment.

Miss Lenore Kent, director of the Save the Surface Campaign, described the dissemination of educational information to the public through the medium of newspapers, radio, and the channels of the industry. Miss Kent distributed a booklet entitled "Ways to 'Tie In' on Paint Styling."

Dr. Henry A. Gardner, director of the scientific section of the National Paint, Varnish and Lacquer Association, reviewed the progress which has been made in the painting of brick and stucco. A brick with one section painted white and the other section unpainted was passed around, while Dr. Gardner explained that laboratory experiments have demonstrated that a brick house painted white may be as much as 12 percent cooler in Summer than if unpainted, while in Winter the insulation provided by the paint will effect a sizable saving of fuel. He also stated that real estate men are learning that brick houses when painted sell much more easily than when they are left unpainted.

"Deferred Payment Selling" provoked a lively discussion, led by Ivor Kenway, of Devoe & Raynolds Co. Emphasis was laid upon the necessity of making clear to property owners through dealers and painting contractors the relative ease with which painting jobs may now be financed on the deferred payment painting plan with the aid of title I of the revised national housing act and the various lending agencies.

M. Rea Paul, of National Lead Co., chairman of the technical and fact finding committee of the council for paint styling, again told the story of "Styling with Paint" with the aid of colored stereopticon slides showing the changes which can be made in the appearance of existing houses by paint styling, supplemented by large colored drawings and charts. It was made clear that in paint styling there is a field which if cultivated properly is bound to greatly increase the use of paint.

B. W. Kunst, of the Hooker Glass and Paint Co., and president of the Cooperative Advertising Campaign of Chicago, held the close attention of the meeting by his presentation of the plans for the 1940 paint selling drive, objectives of which were described as follows:—

"We must sell the 'color styling' idea, as a modern trend, to the entire Chicago market in all the various classes, types and income ranges of its population.

"We must perfect and equip our retail outlets so that they will be able to satisfy the demands we induce in a practically intelligent and satisfactory manner and turn interest into sales. We must inspire and enthuse the dealers and secure their active and financial support of the campaign."

Cooperating are the Chicago Paint, Varnish and Lacquer Association, the Paint and Wallpaper Dealers Association, the Retail Hardware Association and the Paint Salesmen's Club. Support will be enlisted from painting contractors, architects, property owners and civic organizations. Every advertising channel will be used, and it is proposed to appeal to the public with "paint styling recipes."

Those who attended the conference, in addition to the above mentioned were:—

E. J. Allee, of the Pittsburgh Plate Glass Company; H. B. Almond, of the McCloskey Varnish Company; Harry E. Benson, of the Keystone Varnish Company; Ned Booker, of the Peaslee-Gaulbert Paint & Varnish Company; A. W. Brownell, of the *American Paint Journal;* Frank P. Connolly, of the Valspar Corporation; A. Craig, of the Hilo Varnish Corporation; Milton C. Fisher, of the Armstrong Paint & Varnish works; W. C. Fortier, of the O'Brien Varnish Company; Morton M. Goldsmith, of the Hirshberg Paint Company; E. L. Couedy, of the Eagle-Picher Sales Company; William A. Hart, of the E. I. du Pont de Nemours & Company; George J. Heil, of the O'Brien Varnish Company; Charles W. Knapp, of the Keystone Varnish Company; Willam Knust, of the National Lead Company; Franklin J. Lane, of the Boston Varnish Company; H. W. Lay, of the Murphy Varnish Company; Mr. Mackenzie, of Fox & Mackenzie, representing the Resinous Products & Chemical Company; George E. Matlack, of George D. Wetherill & Company; William K. Pehlert, of John Lucas & Company; M. B. Pierce, of John W. Masury & Son; J. L. Plowright, of the Sapolin Company; Burr Price, of the *National Painters Magazine;* George H. Priest, jr., of the *American Paint Journal;* A. R. Raymond, of the Martin-Senour Company; S. L. Rosenheim, of the Enterprise Paint Manufacturing Company; George W. Schneieder, jr., of the Foy Paint Company; R. B. Schubert, of the New Jersey Zinc Company; R. H. Sommer, of the Murphy Varnish Company; Frederick Stern, of Hanline Brothers; P. B. Willis, of the Lowe Brothers Company.

Toronto Production Club Elects Brookbanks Head

The Toronto Paint and Varnish Production Club elected at the May meeting following officers for 1939-40:—President, Fred Brookbanks; vice-president, L. R. Davis; secretary-treasurer, A. J. Bodie; assistant secretary-treasurer, R. Gorrie.

The meeting was addressed by A. E. Staudermann, president of the Federation of Paint and Varnish Production Clubs, and D. W. Robertson, of the Titanium Pigments Corporation. Mr. Robertson discussed the trends in house paint formulation during recent years and also discussed the relative merits of some of the new types of titanium pigments.

Coaltar Chemicals

Other Intermediates

—Continued from page 29

Paranitrotoluidine.—Small quantities usually made up the call in this market, but despite the dull nature of the dealings, quotations were well sustained.

Phthalic Anhydride. — While large consumers continued to be represented in the market, volume was somewhat below the earlier weeks of the year. Quotations were in conformity with those previously established.

Thiocarbanilide.—Demand was along moderate lines during the past week. Sellers were adhering to quotations prevailing for some time.

Xylidin, Mixed.—A steady to firm price tone prevailed in the market. Transactions were not especially large, and most factors followed a policy of ordering for nearby needs only.

Coaltar Colors

Conservative buying continued to characterize trading in the market for coaltar colors during the past week. Major consumers continued to follow a policy of ordering for nearby needs only. Further curtailments were reported in some important textile consuming lines. Operations of print cloth mills of the Southeast will be reduced 25 percent under the production control plan which lacks only the approval of about 2 percent of the mills. A survey of shoe styles on display at the Boston Shoe Fair indicate that early Fall volume lines will be about 75 percent black. The remaining 25 percent is accounted for by two or three shades of rich brown and a few blues and greens. At the Fall fur show here, brown furs were dominant, with the natural tones headed for marked popularity, according to the emphasis at the show. Nine colors for Fall hosiery were issued by the Textile Color Card Association. Among the new shades Wineglo, a light mauve brown; Roselite, an unusually rosy beige. Others are Holiday, a lively medium beige; Sunlit, a warm golden beige; Suntan, a smart medium beige; Facile, a versatile neutral beige; Tropic Earth, a glowing burnished tan; Exciting, a sparkling sunbright shade and Hawaii, a lush tropical shade. April imports into the United States of coaltar colors, dyes and stains amounted to 1,468,117 pounds, valued at $1,913,769, of which 1,282,439 pounds came from Germany and 169,253 pounds from Switzerland. British production of synthetic organic dyestuffs during 1938 amounted to 45,502,043 pounds, compared with 63,265,000 pounds in the preceding year. Output during 1938 declined to the lowest level since 1930, according to a report to the Department of Commerce.

J & L
CXP
BENZOL

has these exclusive features which increase your production, cut processing costs and assure you a better product

Here is a Benzol free from injurious corrosive compounds — that will keep your stills running on a continuous maximum production basis — with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol — always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed — Freezing Point 5.30° C — Boiling Range, less than 1° C — Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

JONES & LAUGHLIN STEEL CORPORATION
AMERICAN IRON AND STEEL WORKS
PITTSBURGH, PENNSYLVANIA
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THE NEVILLE COMPANY
PITTSBURGH • PA.

N.A.I.D.M. Considers Labeling and Legislation

—Continued from page 3

recommendation covers only aphids and other garden pests.

Petroleum oil compositions that may be designated as washes or sprays for hog mange.

Labeling Complicated

Human delousing mixture, Dr. Fuller remarked, would naturally fall in the drug class since the human body louse is responsible for the spread of typhus fever. There are, of course, Dr. Fuller pointed out, borderline products, the status of which, he said, is still undetermined. In this connection, he cited spray that designed to destroy flies that the apparent source of equine encephalomelitis, and agents for treating dogs and humans for the tick responsible for infection of the Rocky mountain or spotted fever.

The proper labeling of insecticides and disinfectants that are subject to the new law is complicated because of the application of certain provisions of the insecticide act, Dr. Fuller said. Not that there is a conflict in the application of the two laws, he explained, but because of the necessity of proper compliance with the term active ingredient, wording which occurs in both laws.

Dr. Fuller pointed out that under the insecticide act, arsenicals must carry on their labels disclosures as to the total arsenic and water soluble arsenic content of the composition in percentage by weight and the same being noted as active ingredient. He added that in the case of other products one has the choice of disclosing the active ingredients individually as the percentage present, with a general statement about inert ingredients; or to declare the active ingredient as such and name each and every inert substance with the proper percentage. But under the new law affecting drugs, Dr. Fuller said, the labels of arsenicals must show the arsenical salt or other derivative of arsenic in quantitative proportion. So, he added, that in addition to the requirement of the insecticide act, the additional disclosure required by the Federal law must be inserted.

Lime-sulphur compositions, cresylic acid and coaltar creosote disinfectants, he said, if offered for any purpose of a remedial nature, are required to carry a disclosure of active ingredients. These disclosures, he said, need not, as far as he has been able to ascertain, be quantitative under the new law, but since they should be noted on the label as active ingredients, and as the insecticide law provides for an optional disclosure of active ingredients in quantitative amount, he was of the opinion that it would be simpler to make the statement on the label in this manner rather than to name each and every active substance followed by the quantitative disclosure of each and every inert substance.

Hence after one has determined the status of his insecticide or disinfectant under the act, Dr. Fuller said that he must look into the question of the composition, determine whether it contains any ingredient new for that type of composition, and ascertain its status as a safe substance for use on the human or animal body; he must determine the quantity of each active component of the mixture so that he can provide for the proper disclosure under labeling clauses that require the quantitative disclosure of certain ingredients such as arsenicals, and the qualitative disclosure of others in the order of their remedial value; he must provide proper directions for application, and if by dilution with water, the effectiveness at the dilution specified should be definitely ascertained because the truth or falsity of the claims are dependant thereon.

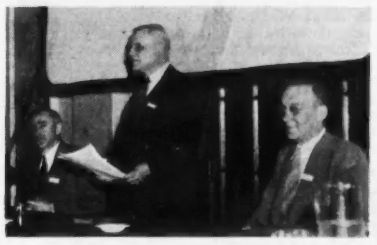
For example, he said that a disinfectant may be noted as a treatment for abrasions and scratches due to barbed-wire but if on testing it at the dilutions recommended, it should prove ineffectual against test organisms in the laboratory, the product would be misbranded.

The volume of bottles, carboys, barrels, cans and other containers of liquids that carry articles classified as drugs, Dr. Fuller said, should be carefully ascertained and standardized if necessary so that the average content may be within reasonable limits of accuracy with the figures that are required to be placed on the main label.

Main Label Defined

By main label, Dr. Fuller explained, is meant that portion of the labeling that is prominently displayed on the package which carries the name of the product, the name and address of the manufacturer or distributor, the active ingredients, as well as the net content above noted in terms of the largest unit, either in the avoirdupois or metric system. Claim for the purposes for which an article is intended, he said, may or may not be placed on the main label, and adequate directions for use with cautionary statements when necessary should be given due prominence on a side or back panel as part of the permanent labeling.

Furthermore, Dr. Fuller said that a chemical substance that may not be new by actual discovery or introduction is considered a new drug, if it has not been previously used for the definite curative effect for which the distributor proposes to make claims; and again, he added, that a radical



Dr. H. C. Fuller Addresses N.A.I.D.M. Meeting — On His Left, J. L. Brenn, President; on His Right, W. J. Zick, Vice-President

change in dosage from that which has been generally recognized will make a substance a new drug, according to the interpretation of the law by the administration. Details for obtaining permission to dispense such products or compositions containing them are in operation, he remarked.

As for the ingredients of compositions that fall within the classification of drugs and which are themselves made subject to the act in clause 4 of section 201 G, Dr. Fuller continued that it is incumbent upon the producers as well as the users of the same, to ascertain their purity and safety for employment in the particular article that may be under consideration. Producers of such chemicals or mixtures, whether they be active ingredients or vehicles, he said, should ascertain the purposes for which they are intended if the purchaser is a compounder of mixtures carrying remedial claims, and see to it that the supply is of proper quality with no impurities that may be dangerous or likely to subject his customer to complications with the law. The user, he warned, should check the purity of his components by proper analytical procedure and for further protection make purchases only upon adequate specifications that will provide for exemptions from impurities that might gain access through careless or accidental means.

Report on Legislation

In the absence of C. L. Fardwell, of McCormick & Co., Baltimore, chairman of the legislative committee, H. W. Hamilton, of the White Tar Company of Jersey reported briefly on the work of the committee. Mr. Fardwell's report, in part, follows:—

Thus far this year, numerous state legislatures have considered insecticide and fungicide bills as well as food, drug and cosmetic bills, and so-called pharmacy bills which directly affect insecticides and disinfectants sold in the various states. Practically all have required registration and payment of registration fees. Most have restricted labeling to a high degree. All in all, these bills have been distinctly out of harmony with the federal laws and were obviously burdensome and unnecessary. This Association has consistently and vigorously opposed such of these bills which it has considered unfair and unnecessary, and has attempted to amend other legislation of a drastic restrictive character.

Most of the insecticide bills have either been rejected or side-tracked in the various state legislatures. However, thus far North Carolina and Maryland have adopted new insecticide acts requiring registration, adding them to the list of states which already have these laws on their books. Indiana, Nevada, and North Carolina have adopted new food and drug acts with New York a probability at this writing.

Suicide Pricing Decried

In a plea that the membership of the association work together in an effort to increase sales of products of the membership, J. L. Brenn, of the Huntington Laboratories, president of the association, declared that a lot more insecticides, disinfectants and sanitary supplies could be sold if the association would make the public at large more conscious of the need for these products by the media of cooperative publicity. He added that a trade association working for its particular industry as a whole instead of selfishly for itself can do a job vastly more influential and for a lot less money than any of the membership working alone could do. Mr. Brenn continued, in part, by saying:—

A good deal of progress has been made towards standardization and improvement of our products but a lot more remains to be done in this direction, what with all the consumer groups pounding away constantly at our consumers and what with all of the Federal and State pure food and drug acts. Perhaps we could make unnecessary any protective action on the part of our consumers by guarding our own conduct and perhaps we could simplify the job of the people charged with the enforcement of the various pure food and drug acts by teaching our people the proper ways of complying with these laws so that the enforcement official would be our friendly neighbor, which he properly is, instead of an antagonistic enemy as some of us view him.

Then there is the cut-throat price situation. True we cannot get together legally for the purpose of controlling prices, but there is no law on earth to prevent us from getting around the table together and man-to-man come to an agreement not to bankrupt ourselves by reckless pricing policies. This, too, is something that a trade association is supposed to help us in.

Unfair Bidding

During the course of the year, Gordon Baird, of Baird & McGuire, Holbrook, Mass., said in his report as chairman of public purchases committee it was found that some States have

Dr. G. F. Redish (Lambert) and F. W. Wolff (duPont)

no specifications whatsoever while some are just in the process of working on them; some States have specifications which are out of date; others carry specifications on certain products but not on all; a few States use the commercial standards throughout, while others use them on only a limited number of products and some States when sending out offers to bid, neglect to make known the quantity of material desired.

Typical of faulty specifications, he said, is that of the New York germicide specification. They specify, he remarked, that all ingredients shall be USP quality. They then go on to state, he added, that it must contain cresylic acid which is not USP. If this, he said, was to be made up with cresol USP, it could not meet the stipulations that it must have a phenol coefficient of six. They too, he added, limit the soap content to six per cent, but it also must be soluble.

Seal of Approval Not Ready

The insecticide marketing committee has been augmented with a special "seal of approval" committee for the purpose of handling several complex problems arising as a result of the government standards approval secured by the association in June, 1938, H. A. Thomas, of the Shell Oil Company, reported as chairman of the insecticide marketing committee. He said that, since this standard has been generally accepted by all purchasing groups and member manufacturers, it has come to notice that there still remain an isolated few testing laboratories and governmental purchasing groups who seem prone to ignore the method of testing by the association and its evaluation of grades of insecticides as they concern the government standards.

Mr. Thomas stated that it would be folly to prepare and release "seals of approval" to the membership and later find that outside groups feel they have cause to take issue with the quality and qualifications that the seal stands for, and, with the evaluation of grades which are contained in the government standards. He added that the "seal of approval" committee and the insecticide marketing committee both feel that much is to be done by the association before the "seal of approval" can be released.

Tests on Houseflies

Houseflies that had been knockdown-paralyzed with ether, acetone, or kerosene sprays low in pyrethrin content (0.5 mg. percent) were more resistant to kerosene sprays high in pyrethrin content (2.0 or 4.0 mg. per cc) than were normal active flies, were the conclusions gathered in tests by E. R. McGovern, W. N. Sullivan, and G. L. Phillips, of the Bureau of Entomology and Plant Quarantine of the Department of Agriculture, in a paper submitted on "The Effects of Knockdown on the Resistance of Houseflies to Pyrethrum Sprays."

A summary of a paper on "Toxicity to the Housefly of Optically Active and Inactive Compounds of the Rotenone Series," by U. N. Sullivan, L. D. Goodhue and H. L. Holler, of the Bureau of Entomology and Plant Quarantine, stated that rotenone, levo-dihydrorotenone, levo-beta-dihydrorotenone, levodihydrodeguelin, levogeguelin contencentrate, racemic deguelin, and racemic dihydrodeguelin have been tested against the housefly. In acetone solution the two optically (racemic) inactive compounds are much less toxic than are the optically active ones, but when tested in highly refined kerosene containing cyclohexanone the toxicity of the racemic compounds in approximately the same or only slightly less than the optically active ones.

The higher percentages of cyclohexanone in the kerosene-cyclohexanone sprays of the higher concentration may account for a small part of the increase in mortality, since the kerosene-cyclohexanone check which contained the maximum amount (10 percent) of cyclohexanone use, gave 11 percent mortality.

Regardless of the cause of the difference these results again bring out the importance of the method of testing insecticides. In order that any good insecticidal possibility may not be overlooked, a number of methods and variations of the same method should be used. It is quite possible that strict adherence to an established method has allowed some good materials to go unnoticed.

Self Polishing Wax Tests

Melvin Fuld, of Fuld Brothers, Boston, in a paper on "A Discussion of Testing Self-Polishing Waxes," concluded an important key to the testing of self-polishing wax films on a uniform surface will be the comparative values as obtained on the Sward rocker. It is believed he said that this will prove to be one of the most important factors in testing the quality of self-polishing wax because it is indicative of so many combined factors, such as tack, hardness, slip, wear, powdering, chalking and numerous other tests. He was of the opinion that after extensive tests on numerous self polishing waxes on uniform surfaces, the Sward rocker number will be one of the most simple and most practical tests that anyone can obtain.

E. L. Singler, secretary of the Maple Flooring Manufacturers' Association, outlined the history of his trade association, stating that it had been first organized in 1897 and that the present organization in the continuance of the new association started in March, 1905. He discussed the cooperative advertising program of the association, telling of the efforts made to acquaint the consumer with maple floor finishes. He told the association that the rehabilitation or reclaiming of old maple floors with a properly applied heavy duty finish after resanding or scrubbing as required, offers a vast market.

Carnauba Wax Growth

J. J. Connolly, of the W. R. Grace & Co., speaking in the place of the scheduled speaker, J. E. Godoy of the same concern, who has been detained on a visit to Brazil, delivered a talk on "Carnauba Wax" Mr. Connolly discussed the various phases of the production of the wax. He said that beginning in the year 1928 records indicate that slightly over 5,000,000 pounds were imported at a value of about $1,500,000, with the quantity increasing fairly steadily from 5,000,000 to over 12,000,000 pounds in 1937, in which year almost 14,000,000 pounds were imported.

JUN 1939 XUM

S.O.C.M.A. Outing Got Golf Prizes for 11

—*Continued from page 5*

prizes in the order given from a fine assortment of trophies.

Prizes were also given for the least number of putts taken on eighteen holes. J. H. Davis was first, with 29; M. C. Millikin was second, with 30.

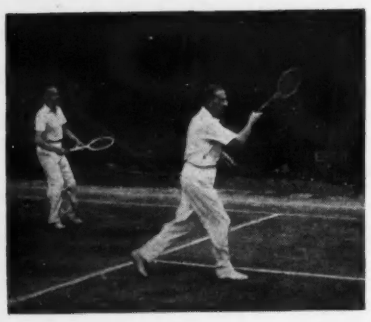
The prize for the best approach on the eighth hole was won by J. H. Karrh, whose ball stopped 9 feet from the pin.

A Porch Conference: Warren Watson, John Garvin, Frank McDonough, George Simon, Donald McKesson, Harry Schnell

For the prize for the longest drive on the first hole R. J. Grant smacked out a shot of 245 yards.

The outing, including the joint dinner of the two chemical manufacturers' organizations June 1, was one of the largest attended of these always popular events. The top attendance was in the neighborhood of 200. Here is the list of those registered:

Joseph V. Adams, New York; E. M. Allen, Mathieson Alkali Works; George A. Anderson, Charles Pfizer & Co.; William S. Auchincloss, OIL PAINT AND DRUG REPORTER.



Sydney Thayer and C. L. Wiswall Wait Expectantly

E. R. Bartlett, Hooker Electrochemical Company; N. E. Bartlett, Pennsylvania Salt Manufacturing Company; Leonard Beale, Pennsylvania Salt Manufacturing Company; Charles Belknap, Monsanto Chemical Company; W. B. Bell, American Cyanamid Company; George A. Benington, Mutual Chemical Company of America; C. A. Bigelow, Wilmington, Del.; E. J. Boehm, National Aniline & Chemical Company; Jerome E. Bonnebeau, Barrett Company; Henry Bower, Henry Bower Chemical Manufacturing Company; Sanford Brown, Bakelite Corporation; E. F. Brundage, Michigan Alkali Company; A. G. Brunier, E. I. duPont de Nemours & Co.; Walter Buehler, Barrett Company; E. S. Burke, of E. S. Burke; J. L. Burston, Zinsser & Co.

Johnny the Ruminant
(Look in your dictionary first)

J. C. Cadmus, Royce Chemical Company; Ray L. Cammann, Barrett Company; G. Lee Camp, Monsanto Chemical Company; A. B. Chadwick, Solvay Sales Corporation; A. D. Chambers, E. I. duPont de Nemours & Co.; A. R. Chantler, E. I. duPont de Nemours & Co.; John A. Chew, John A. Chew, Inc.; R. W. Chipman, Chipman Chemical Company; Henry Clifton, jr., New York; Lucius Collins, E. I. duPont de Nemours & Co.; C. C. Concannon, United States Department of Commerce; Rollin H. Cragg, United States Tariff Commission; Hugh Craig, OIL, PAINT AND DRUG REPORTER; Maurice F. Crass, E. I. duPont de Nemours & Co.; M. F. Crass, jr., Manufacturing Chemists Association.

Walter Dannerbaum, Melrose Park, Pa.; H. N. Dauler, Neville Company; Emerson Davis, Davis Chemical Company; H. L. Derby, American Cyanamid Company; H. W. Dingee, Zinsser & Co.; P. M. Dinkins, American Cyanamid & Chemical Corporation; Leland I. Doan, Dow Chemical Company; George W. Dolan, Mathieson Alkali Works; Ralph E. Dorland, Dow Chemical Company; W. W. Duecker, Texas Gulf Sulphur Company; James H. Dunbar, E. I. duPont de Nemours & Co.; Russell H. Dunham, Hercules Powder Company; Lammot duPont, E. I. duPont de Nemours & Co.

J. Passmore Elkinton, Philadelphia Quartz Company; W. R. Ellis, E. I. duPont de Nemours & Co.; Leonard Erlandson, Carbide & Carbon Chemicals Corporation; Augustus H. Eustis, Virginia Smelting Company.

Howard J. Fahney, Aluminum Company of America; Harold W. Fisher, New York; J. M. Forker, Koppers Company; E. W. Furst, E. I. duPont de Nemours & Co.

C. L. Gabriel, Commercial Solvents Corporation; W. I. Galliher, Columbia Alkali Corporation; John A. Garvin, Merck & Co.; A. L. Geisinger, Standard Silicate Company; William F. George, Tradepress Publishing Company; Ray H. Giebel, Bronxville, N. Y.; Henry Anderson Goman, Natural Products Refining Company; Robert J. Grant, Young Aniline Works; T. S. Grasselli, E. I. duPont de Nemours & Co.

Philip E. Haebler, Van Ameringen-Haebler, Inc.; E. K. Halbach, General Dyestuff Corporation; George F. Handel, Cincinnati Chemical Works; W. F. Harrington, E. I. duPont de Nemours & Co.; John P. Harris, Wilmington, Del.; W. A. Harshaw, Harshaw Chemical Company; M. J. Hartung, Maywood Chemical Works; Glenn Haskell, U. S. Industrial Alcohol Company; Leland Hazard, Diamond Alkali Company; Capt. Gerson Heiss, United States Army; Alfred J. Higgins, Zinsser & Co.; C. A. Higgins, Hercules Powder Company; Sanford J. Hill, Wilmington, Del.; Joseph F. Hollywood, of E. S. Burke; Robert R. Holmes, Pittsburgh; Roger W. Hooker, Hooker Electrochemical Company; M. B. Hopkins, Elizabeth, N. J.; Waldo C. Hovey, Niacet Chemicals Corporation; Henry Howard, Newport, R. I.; A. P. Howes, Howes Publishing Company; James K. Hunt, Wilmington, Del.; Howard Huston, American Cyanamid Company.

Harold O. C. Ingraham, General Chemical Company.

S. W. Jacobs, Electro Bleaching Gas Company; Charles W. Johnston, Portsmouth, Va.; H. W. Johnstone, Merck & Co.

J. H. Karrh, Victor Chemical Works; Lee Kean, U. S. Industrial Alcohol Company; William G. Keller, E. I. duPont de Nemours & Co.; Paul Kendall, Sharples Solvents Corporation; J. J. Kerrigan, Merck & Co.; Charles F. Kettering, General Motors Company; John Kienle, Mathieson Alkali Works; E. H. Killheffer, E. I. duPont de Nemours & Co.; Kenneth T. King, E. I. duPont de Nemours & Co.; J. Warren Kinsman, E. I. duPont de Nemours & Co.; S. D. Kirkpatrick, *Chemical and Metallurgical Engineering;* E. C. B. Kirsopp, Rohm & Haas Company; Kenneth H. Klipstein, Calco Chemical Company; John R. M. Klotz, Stanco, Inc.; August Kochs, Victor Chemical Works; Capt. H. A. Kuhn, United States Army.

R. Lenz, General Dyestuff Corporation; J. G. Lerch, Lamb & Lerch; Oscar Lidstrom; Edmond E. Lincoln, E. I. duPont de Nemours & Co.; A. L. Loebenberg, Barrett Company; H. Burton Lowe, Scarsdale, N. Y.

F. J. McDonough, New York Quinine & Chemical Works; Donald McKesson, New York Quinine & Chemical Works; C. N. McNulty, Texas Gulf Sulphur Company.

Charles A. Mace, Synthetic Organic Chemical Manufacturers Association; H. G. Mackelcan, Innis, Speiden & Co.; Clyde D. Marlatt, Martin Dennis Company; Harry B. Marshall, Ciba Company; John J. Martin, Young Aniline Works; William Martin, Philadelphia; Theodore Marvin, Hercules Powder Company; E. M. Maxwell, National Aniline & Chemical Company; B. L. Mechling, General Chemical Company; George W. Merck, Merck & Co.; August Merz, Calco Chemical Company; H. F. Merritt, Solvay Sales Corporation; L. W. Miller, Barrett Company; Mahlon G. Milliken, Hercules Powder Company; F. M. Moffat, jr., U. S. Industrial Alcohol Company; S. C. Moody, Calco Chemical Company; R. N. Mullikin, E. I. duPont de Nemours & Co.; Charles S. Munson, U. S. Industrial Alcohol Company; Walter J. Murphy, *Chemical Industries.*

F. A. Neuberg, Warner Chemical Company; Louis Neuberg, Warner Chemical Company; T. S. Nichols, Prior Chemical Corporation.

Kenneth G. Osborn, Lamb & Lerch.

James G. Park, Standard Oil Development Company; S. Peiser, New York; R. J. Perry, Zinsser & Co.; A. Pillet, E. I. duPont de Nemours & Co.; H. B. Prior, Prior Chemical Corporation.

R. C. Quartrup, Barrett Company.

William M. Rand, Monsanto Chemical Company; A. B. Ray, Union Carbide & Carbon Corporation; M. D. Reeser, Howes Publishing Company; Dr. Frank H. Reichel, Fredericksburg, Va.; J. P. Remensnyder, Heyden Chemical Corporation; E. G. Robinson, E. I. duPont de Nemours & Co.; O. J. Royce, Royce Chemical Company; Fred W. Russe, Mallinckrodt Chemical Works.

Harry J. Schnell, OIL, PAINT AND DRUG REPORTER; Ray Schlotterer, New York Board of Trade; D. C. Scott, E. I. duPont de Nemours & Co.; Sydney B. Self, *Wall Street Journal;* P. T. Sharples, Sharples Solvents Corporation; George Simon, Heyden Chemical Corporation; Harold L. Simons, H. L. Simons & Co.; John L. Smith, Charles Pfizer & Co.; Franklin H. Stafford, Verona Chemical Company; H. Stauffer, Stauffer Chemical Company; Harry W. Stenerson, *Journal of Commerce;* W. F. Sterling, United States Tariff Commission; Douglas G. Stewart, E. I. duPont de Nemours & Co.; H. Joseph Swezey, E. I. duPont de Nemours & Co.

R. M. Taylor, Calco Chemical Company; Fred T. Techter, Barrett Company; A. A. Teeter, Charles Pfizer & Co.; Sydney Thayer, jr., Henry Bower Chemical Manufacturing Company; Charles Allen Thomas, Monsanto Chemical Company; E. C. Thompson, E. I. duPont de Nemours & Co.

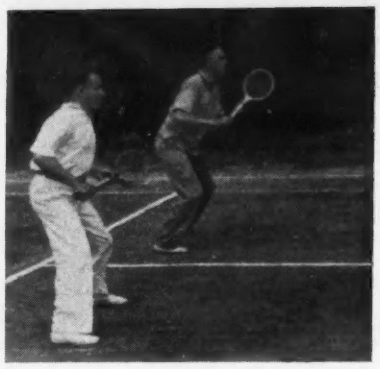
F. J. Van Antwerpen, New York; B. M. Van Cleve, Sherwin-Williams Company; Herman Van Fleet, Scarsdale, N. Y.; W. L. Van Riper, E. I. duPont de Nemours & Co.; N. E. Van Stone, Sherwin-Williams Company; William F. Vaughan, Moody Investors Service.

Roger N. Wallach, Sylvania Products Company; Albert Walter, Stauffer Chemical Company; F. A. Wardenberg, E. I. duPont de Nemours & Co.; W. N. Watson, Manufacturing Chemists Association; Stanley L. Weil, Natural Products Refining Company; H. R. Wemple, Texas Gulf Sulphur Company; Charles K. Weston, E. I. duPont de Nemours & Co.; R. E. Wilkin, Hooker Electrochemical Company; Donald Williams, Dow Chemical Company; Victor E. Williams, Monsanto Chemical Company; M. A. Williamson, McGraw Hill Publishing Company; Stanley Williamson, Carbide & Carbon Chemicals Corporation; W. H. Winans, New York; Eli Winkler, Columbia Alkali Corporation; Charles L. Wiswall, E. I. duPont de Nemours & Co.; A. J. Wittenberg, Stroock & Wittenberg Corporation; Frederick W. Wolff, E. I. duPont de Nemours & Co.

William F. Zipse, Geigy Company.

Leon Miller Waits His Turn — H. B. Prior Just Looks on — Ken Klipstein Smiles at the Water Hazard

Lee Camp and Cy Galliher Talk About the Weather



G. A. Benington Backs Up Lammot duPont as He Bats a Twister

Corn Products Makers Cited Under Patman Act

—*Continued from page 4*

Starch & Refining Company and Union Sales Corporation, Columbus, Ind., and American Maize-Products Company, New York.

The respondents are alleged to discriminate in price between purchasers of commodities of like grade and quality by selling such commodities to some purchasers at a lower price than that asked of other purchasers generally competitively engaged with those receiving the more favorable prices. It is alleged that the effect of the discriminations may be substantially to lessen competition in the sale and distribution of corn products between the respondents and their competitors and between those who buy corn products from the respondents and receive lower discriminatory prices and others who buy from the respondents but do not receive the favorable prices.

It is also alleged that the effect of the discriminations may be to create a monopoly in the lines in which the respondents and those in which the buyers are engaged and to injure and prevent competition between the respondents and their competitors and between the buyers who receive the favorable prices and those who do not.

The allegations of these eight complaints are similar to those made in an amended complaint recently issued against the Corn Products Refining Company, New York.

The complaints grant the respondents twenty days for the filing of answers.

Peoples Drug Stores, Inc., Chicago, has notified the N. Y. Stock Exchange that its 6½ percent cumulative convertible preferred stock has been called for redemption on September 15, next, at $110 a share plus accrued dividends.

Dyestuffs, Textile and Leather Chemicals

Firmness in Tapioca Flour Reflects Continued Crop Shortage—Small Supplies of Imported Blood Albumen Cause Advance —Mangrove Bark Firm—Bichromates Remain Steady

The market for dyestuffs, textile and leather chemicals lacked much in the way of new developments as far as demand or prices were concerned last week. Practically every division of the market was dull, and reports were quite general that business was on a hand-to-mouth basis. Reports emanating from important textile and leather centers were mostly to the effect that operations will be curtailed. The print cloth mills in the Southeast will probably reduce operations 25 percent under the production control plan. Woolen mills were still on a restricted basis, marking time before renewing work on Fall lines. Rayon weaving rate was lower. Leather and tanning interests were awaiting style preferences for the Autumn. Price changes include higher prices for imported blood albumen and tapioca flour.

Sizing materials provided the only price fluctuations, and these were on the upside. However, the firmness was attributed to special developments. Imported blood albumen was higher because offerings from abroad were on a restricted basis in view of the higher tariff. Domestic light and dark material was firm, but prices held unchanged. Reports of crop shortage in tapioca flour brought to light last May, reflected in slightly higher prices. Unfavorable weather in the Far East was responsible for the smaller offerings here. Various grades of dextrins and starches were unchanged. Domestic corn grind of eleven manufacturers of corn derivatives for May totaled 5,723,426 bushels against 5,089,993 bushels during April and 5,202,725 bushels in May, 1938, according to the Corn Industries Research Foundation. For the first five months this year the grind aggregated 26,285,593 bushels, compared with 26,742,169 bushels in the like period a year ago. Egg products were quiet and unchanged. Tanning materials were dull, with prices in conformity with the preceding period. No quotations were available on fibrous mangrove bark, while common gambier was still nominal. In natural dyestuffs, turmeric continued firm and logwood was taken in fair quantities. Trading in bichromates was steady. Prussiates were not very active.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Albumen, blood, imported, 5c. per lb.
Tapioca flour, ¼c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
138.0	138.0	137.8	152.0

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—There was little feature to the dealings in this direction, most consumers ordered on a hand-to-mouth basis. Prices were without change.

Alumina Chloride.—Quotations for various grades of material were unchanged, and the tone of the market remained steady to firm. Demand was along routine lines for the most part.

Antimony Salt.—Quiet continued to prevail in this direction, and commitments were rather limited. Prices were in line with those established previously.

Potash Bichromate.—Consumers were making only necessary replacements, and most of the business was withdrawals against contracts. A steady to firm price tone predominated.

Potash Prussiate.—Quotations for the red and yellow material were unaltered. Business was held to modest proportions. April imports totaled 74,964 pounds, valued at $15,876, of which 41,893 pounds came from the Netherlands; 27,558 pounds from Germany and 5,513 pounds from France.

Soda Bichromate.—While volume was not expanding, sellers could report a steady interest for moderate quantities throughout the past week. Prices ruled unchanged, and the market displayed a steady to firm undertone.

Soda Prussiate.—Spot and contract business was not very broad last week, and most consumers were content to order for urgent requirements only. Prices were without change. April imports amounted to 181,699 pounds, valued at $9,501, of which 71,469 pounds came from Germany; 66,138 pounds from Japan and 44,092 pounds from Belgium.

Dyestuffs

Annatto.—The call for the seed and paste material was dull. Quotations, however, were in conformity with those established previously. April imports of annatto and extracts totaled 76,687 pounds, valued at $3,354, of which 33,792 came from British India; 30,395 pounds from Jamaica, and 12,500 pounds from the Dominican Republic.

Cochineal.—There was little new to report in the market, with demand usually held to modest proportions. Pricewise a steady to firm tone ruled. April imports amounted to 3,967 pounds, valued at $887, all of which came from Peru.

Fustic.—Demand showed no signs of expanding last week, and the tendency to order close to production needs predominated. No change was disclosed in the quotations.

Indigo.—Business in the market for natural material was quiet, and the quotations were in line with those prevailing for some time.

Logwood.—Withdrawals by the textile and leather trade were only fair and usually limited to urgent requirements. Prices were without alteration. April exports of logwood extract totaled 22,144 pounds, valued at $2,847, of which 13,699 pounds went to Canada; 3,080 pounds to Japan, and 3,500 pounds to Uruguay.

Turmeric.—Supplies of material continued scarce, and spot stocks were at low levels. Demand was not very active.

Sizing Materials

Albumen, Blood.—Some imported material was available at 60c. per pound, however, spot stocks were neglible in view of the lack of offerings from abroad as the result of the countervailing tariff. In the interim domestic prices for the light and dark grades were firm, but quotations held unchanged. With the shortage in the foreign material, domestic sellers were having difficulty supplying the demand.

Albumen, Egg.—The market lacked any new feature, trading in the crystal and powdered grades was along narrow lines. Quotations for the domestic and imported were without change.

Dextrin.—A steady to firm price tone characterized the trading in the market last week. Business was not as active as the preceding month, with some consumers inclined to follow a more cautious purchasing policy.

Egg Yolk. — Quotations were well maintained in this direction during the past week. Consumers were entering the market for necessary requirements only.

Starch.—Quotations for corn starch and others, including potato, rice and wheat were unchanged, and the tone of the market was steady to firm. Shipments were about fair, with most consumers content to order close to current requirements.

Tapioca Flour.—Prices were ¼c. per pound higher, making the second advance within past month. Shipments from the Far East were below normal as a result of the unfavorable weather conditions in many sections. Quotations ranged from 2½c. to 4c. per pound. Demand was satisfactory.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Tanning Materials

Gambier. — The market retained its firm undertone, with quotations for the Singapore cubes and plantations well sustained, while the common was still nominal. Business was about fair.

Mangrove Bark.—No quotations were available on the fibrous, while the non-fibrous remained at the $25.25 per ton basis established the preceding period. Demand was moderate.

Myrobalans.—A steady to firm price tone prevailed in this market, and prices were about unchanged. Consumers were ordering for urgent requirements only.

Quebracho.—Shipments against contracts for various grades was limited to nearby production requirements. Prices were unchanged, and the tone of the market was firm.

Sumac.—No new price developments entered the market for the leaf and ground material last week. Transactions were confined to necessary quantities as a rule.

Valonia.—Quotations established the previous period were without further change. Consumers were pursuing a hand to mouth purchasing policy.

Lion Oil Refining Company will put a new cracking and reforming unit in operation at its refinery in El Dorado, Ark., on July 1.

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Natural BICHROMATES

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PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

V 135 24
JUN 1939
XUM

Current Market Quotations

—Continued from page 21

Yara Yara—Zirconium

Y

Yara yara, cryst., cns.	lb.	1.25	- 1.56
Yellow, cadmium, CP, import., bxs.	lb.	1.35	- 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld.	lb.	.45	- —
smaller lots, same basis,	lb.	.50	- —
kgs., ton lots, same basis,	lb.	.50	- —
smaller lots, same basis,	lb.	.55	- —
sulphide, orange, bbls., works,	lb.	.75	- —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.14½	—
open order	lb.	.15½	—
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 3c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch, pink, bbls.	lb.	.09	- .11
Hansa, bbls., same basis, chrome	lb.	1.27	- —
primrose shade, bbls., same basis, chrome	lb.	1.75	- —
Mercury oxide (see M).			
Ocher, Amer., golden, A, bbls., works	lb.	.06¼	—
B, bbls., works	lb.	.04½	—
C, bbls., works	lb.	.03½	—
yellow, A, bbls., works	lb.	.02¾	—
B, bbls., works	lb.	.02½	—
C, bbls., works	lb.	.02	—
D, bbls., works	lb.	.0195	—
E, bbls., works	lb.	.01775	—
F, bbls., works	lb.	.01½	—
G, bbls., works	lb.	.01½	—
H, bbls., works	lb.	.01¾	—
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import	lb.	.02475	—
New York (f.o.b.)	lb.	.02½	—
ex dock Philadelphia, for import	lb.	.02¾	—
Portland, Seattle	lb.	.03	- —
San Pedro, S. Francisco	lb.	.0299	—
l.c.l., ex dock, Balto, Boston, N. Orleans	lb.	.02575	—
New York	lb.	.03½	—
ex-dock Phila., for import	lb.	.02¾	- —
Portland, Seattle	lb.	.03½	—
San Pedro, S. Francisco	lb.	.03	- —
ex whse., Balto., Boston, N. Orleans	lb.	.02725	—
l.c.l. Chicago, E. St. Louis, Indianapolis, K. City, Milwaukee, St. Louis	lb.	.03¾	—
New York	lb.	.02¾	—
Pittsburgh	lb.	.03¼	—
Portland, Seattle	lb.	.03¾	—
San Pedro, S. Francisco	lb.	.03¼	—
f.o.b. N. Y., from dock,	lb.	.02¾	—
from whse.	lb.	.02¾	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½	—
l.c.l., same basis	lb.	.04¾	—
synth., bbls., c.l., works	lb.	.06½	—
l.c.l., same basis	lb.	.04¾	—
Persian orange (see O).			
Zinc, bbls., same basis chrome CP, contracts	lb.	.18	- —
open order	lb.	.19	- —
Yellow dock root, bls.	lb.	.09	- .10
Yellow root (xanthoriza) bls.	lb.	.09	- .10
Yerba santa leaves, bls.	lb.	.07½	- .08
Yohimbine hydrochloride, vls.	oz.	2.50	- 2.55

Z

Zinc acetate, tech., bbls., works,	lb.	.15	- .16
USP, bbls., 250 lbs.	lb.	.27	- —
kgs., 100 lbs.	lb.	.29	- —
Arsenite, bgs., c.l., dealers, E. of Rockies	lb.	.12	- —
l.c.l., bags	lb.	.12½	—
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.			
Carbonate, tech., bbls.	lb.	.14	- .16
USP, precip., powd., bbls.	lb.	.31	- —
dms.	lb.	.36	- —
kgs.	lb.	.33	- —
Chloride, tech., fused, dms., c.l., works, 100 lbs.		4.25	- —
l.c.l., works, 100 lbs.		4.60	- —
gran., dms., c.l., works, 100 lbs.		5.00	- —
l.c.l., dms., works, 100 lbs.		5.75	- —
USP, 200-lb. dms.	lb.	.26	- —
25-lb. jars	lb.	.31	- —
solution, 50%, dms., c.l. works	lb.	.0290	—
l.c.l., works	lb.	.04	- .04½
tanks, works	lb.	.0225	—
Cyanide, kgs., works	lb.	.33	- —
Dust, bbls., c.l., dlvd.	lb.	.06½	—
l.c.l., bbls., dlvd.	lb.	.07	- —
Fluoride, bbls.	lb.	.20	- .35
Iodide, N.F., bots.	lb.	4.35	- —
jars	lb.	4.20	- —
Metal (see daily quotations in market report)			
Oxide, pigment, dom., Amer., process, comi., lead free, bgs., c.l., dlvd.	lb.	.06¼	- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½	- .07¾
ex whse., Pac. cst.,	lb.	.06½	- .07¾
bbls., c.l., dlvd.	lb.	.06½	- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- .08
ex whse., Pac. cst.	lb.	.06¾	- .08
50% bgs., c.l., dlvd.,	lb.	.06½	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	—
ex whse., Pac. cst.	lb.	.06¾	—
bbls., c.l., dlvd.	lb.	.06¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	—
ex whse., Pac. cst.	lb.	.06¾	—
35% bgs., c.l., dlvd.	lb.	.06	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼	—
ex whse., Pac. cst.	lb.	.06¼	—
Zinc, oxide, pigment, dom., Amer. process, commi., leaded, bbls., c.l., dlvd.	lb.	.06¼	—
l.c.l., dlvd., except Pac. cst.	lb.	.06½	—
ex whse., Pac. cst.	lb.	.06½	—
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606	—
Pac. cst.	lb.	.0612	—
l.c.l., dlvd., except Pac. cst.	lb.	.0631	—
ex whse., Pac. cst.	lb.	.0631	—
bbls., c.l., dlvd.	lb.	.0631	—
l.c.l., dlvd., except Pac. cst.	lb.	.0656	—
ex whse., Pac. cst.	lb.	.0656	—
French process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.06¼	- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½	- .07¾
ex whse., Pac. cst.	lb.	.06½	- .07¾
bbls., c.l., dlvd.	lb.	.06½	- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- .08
ex whse., Pac. cst.	lb.	.06¾	- .08
green seal, bgs., c.l., dlvd.	lb.	.08	- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼	- —
ex whse., Pac. cst.	lb.	.08¼	- —
bbls., c.l., dlvd.	lb.	.08¼	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06½	—
ex whse., Pac. cst.	lb.	.08½	—
red seal, bgs., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾	—
ex whse., Pac. cst.	lb.	.07¾	—
bbls., c.l., dlvd.	lb.	.07¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.08	- —
ex whse., Pac. cst.	lb.	.08	- —
Zinc, oxide, French process, white seal, bgs., c.l., dlvd.	lb.	.08½	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾	—
ex whse., Pac. cst.	lb.	.08¾	—
bbls., c.l.	lb.	.08¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.09	- —
ex whse., Pac. cst.	lb.	.09	- —
import, gold seal, cks., ex whse.	lb.	.13	- .14
green seal, bbls., ex whse.	lb.	.10	- —
white seal, cks., ex whse.	lb.	.11	- .12½
USP, bbls., c.l.	lb.	.09½	—
Palmitate, bbls.	lb.	.23	- .25
Resinate, fused, pale, bbls.	lb.	.10	- —
precip., dms., dlvd.	lb.	.15	- —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20	- —
l.c.l., 1 ton	lb.	.21	- —
1,000-2,000 lbs.	lb.	.22	- —
less than 1,000 lbs.	lb.	.23	- —
U.S.P., bbls.	lb.	.21	- .26
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75	- —
l.c.l.	100 lbs.	3.50	- —
bbls., c.l.	100 lbs.	2.90	- —
l.c.l.	100 lbs.	3.65	- —
flake, bgs., c.l.	100 lbs.	3.10	- —
l.c.l.	100 lbs.	3.85	- —
bbls., c.l.	100 lbs.	3.25	- —
l.c.l.	100 lbs.	4.00	- —
powd., bgs., c.l.	100 lbs.	4.35	- —
l.c.l.	100 lbs.	5.10	- —
bbls., c.l.	100 lbs.	4.50	- —
l.c.l.	100 lbs.	5.25	- —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07½	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¼	—
Zinc, sulphide, bbls., c.l. (20 tons), dlvd.	lb.	.08¼	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾	—
Sulphocarbolate, NF, bbls.	lb.	.24	- .26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15	- —
l.c.l., works	100 lbs.	5.50	- —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05	- —
l.c.l., dlvd., except Pac. cst.	lb.	.05½	—
ex whse., Pac. cst.	lb.	.05½	—
Zirconium nitrate, kgs., works	lb.	3.00	- 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton	75.00	-100.00
white, 98%, rgd., kgs., works,	lb.	1.80	- 2.00

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

NOTE:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the June 5 issue; the next printing will be in the July 3 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

Announcing

HORSE HEAD XX-505 ZINC OXIDE

A NEW ZINC OXIDE OF LOW REACTIVITY—LOWER THAN THAT EVER OFFERED BY A REGULAR ZINC OXIDE

The only zinc oxide of its kind on the market, Horse Head XX-505, is designed to work with many of those special vehicles which, heretofore, were unfriendly to the regular types of zinc oxide. It means that you can now utilize those highly desirable properties of zinc oxide in many of your products—synthetic resin enamels, house paints, resin emulsion and casein paints.

Horse Head XX-505 Zinc Oxide is suggested for use in:

INTERIOR GLOSS PAINTS AND ENAMELS—(with vehicles that are too reactive for formulation with the usual type of zinc oxide) for improved resistance to yellowing, and better gloss retention. 15% to 25% is suggested.

SYNTHETIC RESIN TYPE EXTERIOR ENAMELS AND LACQUERS—for improved durability, tint and gloss retention with less chalking and better cleaning and polishing properties. At least 25% is suggested.

EXTERIOR HOUSE PAINTS—for improved durability, tint retention and cleaning properties.

TRIM AND TRELLIS PAINTS—for improved color maintenance. At least 25% is suggested.

RESIN EMULSION AND CASEIN PAINTS—for better washability, cleaner surfaces with improved durability, tint retention and resistance to mildew. 15% to 35% oxide is suggested.

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THE NEW JERSEY ZINC COMPANY

Paint, Varnish, Lacquer Materials

Demand for Most Materials Remains Brisk—Titanium Suppliers Report Excellent Sales Volume—Ester Gum Market Picks Up —Naval Stores Stronger on Withdrawal of Gov't Supplies

New York suppliers of raw paint materials reported a brisk market for most products last week although indications of a seasonal decline in the near future were in evidence. Sales volume for the majority of materials had been profitable for the past two months, compared with the slackness of the corresponding period last year.

This week the majority of producers and suppliers will be occupied negotiating contracts for shipment beginning July and it is expected that price revisions, if any, will be announced. Titanium pigments were strong last week with demand heavy. Dry colors held evenly while the interest in varnish gums and casein, drags on the market from January until the middle of May, became more active. Ester gum buyers were calling for more material and there was a noticeable increase in the volume of shipments.

Rosin and turpentine had an upward trend, demand being stimulated by the announcement from Washington that supplies in the hands of the government under loans to producers would be withdrawn until further notice. This action was attributed to the low prices prevailing, both rosin and turpentine having dropped considerably under the governmental loan values.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rosin, gum, 10 to 40c. per 280 lbs.
Turpentine, gum, ¾c. per gal.
Turpentine, s.d., 2c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	**131.7**	**131.7**	**130.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Sales of pig lead last week were not very heavy and there was no indication of the price advance that seemed possible two weeks ago. The slab zinc demand was also routine. The prime western committee of the American Zinc Institute reported May sales of zinc for May delivery of 6,304 tons at a weighted average selling price of $.04500, basis East St. Louis, and May sales for subsequent delivery of 11,937 tons at a weighted average selling price of $.04500, basis East St. Louis. There were also 125 tons sold for subsequent delivery at the average price for June, and 100 tons sold at the price on date of shipment.

A zinc smelting plant in West Virginia suspended operations indefinitely last week, making about 200 workers idle. The president of the company blamed reciprocal trade treaties which, he claimed, permitted a flood of foreign goods into the United States. Since the duty on zinc was reduced 20 percent at the start of the year in the reciprocal agreement with Canada, American producers have protested bitterly that that production has been unprofitable. Several other plants have been forced to shut down since the treaty became effective.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from June 3 to June 9, inclusive, were as follows:—

	Pigs				
	Per pound		Spot London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0475@.0480	$0.0460	14	11	3
Monday	.0475@.0480	.0460	14	10	0
Tuesday	.0475@.0480	.0460	14	6	3
Wednesday	.0475@.0480	.0460	14	7	6
Thursday	.0475@.0480	.0460	14	7	6
Friday	.0475@.0480	.0460	14	10	0

Zinc—Prevailing spot prices at New York, East St. Louis and London for the period from June 3 to June 9, inclusive, were as follows:—

	Slabs				
	Per pound		Spot London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0490	$0.0450	14	1	3
Monday	.0490	.0450	14	0	0
Tuesday	.0490	.0450	14	0	0
Wednesday	.0490	.0450	14	2	6
Thursday	.0490	.0450	14	1	3
Friday	.0490	.0450	14	3	1

Pigments

The demand for these materials continued routine last week with zinc oxides and titaniums remaining the leaders in the field. No prices were changed.

White Lead.—Demand for both the dry pigments and the lead-in-oil material held evenly during the period under review and the price continued firm.

Red Lead.—There was a bit less interest in offerings although shipments into consuming channels continued in healthy fashion. The price schedule remained firm.

Litharge.—Suppliers reported a slackening in the market. Orders were for small-sized lots only. The price was unchanged.

Titanium Pigments.—Sales volume last week was reported at a high peak by the majority of producers and suppliers. Prospective buyers showed a healthy interest in offerings and shipments of large quantities of material were made. Unofficial estimates of business during last month indicated that May was the peak of the year to date and that sales volume was decidedly larger than May, 1938.

Zinc Oxides.—The market was brisk and the price firm. Since the beginning of the year these pigments have been one of the strongest in this division and last week's sales further consolidated this strong position.

Fillers and Extenders

Inert pigments, fillers and extender products moved into consumption at a fairly steady rate last week although demand slackened somewhat from the previous seven-day period. All prices were unchanged.

Barytes.—The market for both the domestic and imported materials continued routine last week. The price schedule was firm.

Whiting.—Producers of the limestone grade reported a steady market last week with prices firm. May sales were estimated to be better than May of last year although no officials figures were available.

Mica.—Both the car lot and the l.c.l. prices remained at the levels quoted for the past several months. No gains in demand were registered and shipments into consumption were small in volume.

Talc.—following a pick-up in interest the previous week, suppliers reported a slackening market during the period under review. The price continued firm and unchanged.

Varnish Gums

The market for natural resins became a bit more active during the past week. There had been a lack of interest in offerings up until the middle of last month, but since then the trade has noticed a slow but steady pick-up.

Copals.—The car lot price for all gums in this group continued unchanged last week. Reports from abroad indicated that the market there gained some strength which undoubtedly was reflected in local trade circles.

Dammars.—Demand picked up last week and all prices became firmer although none were changed. Larger quantities of material were called for than had been noted for two previous weeks.

Dry Colors

Contract price changes were under consideration last week although no revisions were announced. The market for both chemical and earth colors

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

The Expert Touch

● The unfailing uniformity of Calco Oil Colors is no accident as users have learned from experience. It comes from the long practical experience and skilled workmanship that go into their making. The color range of this famous line is so complete you can depend on this one source for all your shade requirements. Expert color matching service is available to you without charge or obligation.

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Synthetic Resins

AMBEROL
Phenol Formaldehyde

PARAPLEX
DURAPLEX
Alkyd Type Resins

ACRYLOID
Acrylic Esters

UFORMITE
Urea Formaldehyde

AQUAPLEX
Alkyd Emulsion

TEGO RESIN FILM
Plywood Adhesive

OTHER SPECIAL INDUSTRIAL CHEMICALS

AQUAPLEX

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continued to show firmness and the demand for most material was brisk.

Carbon Black.—Indications were that there would be no changes in the contract prices for various grades of black. Sales volume increased during the period under review although there were reports of a slowing down in the manufacture of rubber tires. Domestic sales and exports of this material in 1938 declined 20 percent and 9 percent respectively according to the Bureau of Mines. Prices fell to unprecedented low levels. Although production was curtailed stocks at plants increased substantially. Total sales in 1938 were 411,442,000 pounds, or 16 percent less than 1937. Domestic sales totaled 243,474,000 pounds of 20 percent less than the previous year, while exports, after increasing for three years, declined to 168,000,000 pounds compared to 184,000,000 pounds in 1937.

Cadmium Red.—Buyers were restricting orders to immediate needs only although there was a good interest in offerings. The price schedule was unchanged. The total output of cadmium in Germany during 1938 amounted to 432 metric tons.

Chrome Yellow.—Shipments on contracts continued in good fashion last week and there was a healthy interest in material for spot delivery. For the past month the market for this color has shown considerable strength. The price was firm.

Mercuric Oxides.—The red and yellow technical oxides attracted interest from buyers last week and calls for these colors were frequent. All prices continued without revision.

Ocher.—The position of the French product has not changed since last reported. Demand for the domestic material slackened a bit during the period under review although all prices continued firm.

Naval Stores

The chief event of the week was the announcement from Washington that the Commodity Credit Corporation had decided to suspend sales of rosin and turpentine held by the government under loans to producers. The announcement was made at the opening of the week and became effective June 8. The action of the government bureau was attributed to the recent weakness in primary markets for naval stores, prices having declined to the lowest point recorded in some time past, and to levels considerably below the government loan values. Sales will be resumed by the government when market prices equal the net loan value, plus charges, of 21½c. per gallon for turpentine in bulk, and 5.56c. per 280 pounds of grade H rosin, with proportionate prices for other grades.

As a result of the withdrawal of government supplies, dealers were forced to enter the open markets of the South in filling orders which were received in an increased volume from domestic and foreign buyers, not a few of whom had apparently been pursuing a very conservative course in purchasing operations because of the heavy supplies carried over from previous seasons. This increased demand was reflected in a strengthening of primary markets, the trend of both rosin and turpentine prices being upward. Transactions during the period were said by some to have been the largest for many weeks past, although considerable of the business was closed on private terms.

Weather conditions over much of the South were more favorable for operations in the woods, and receipts at primary points showed a further increase. The movement for the season thus far, however, continued to run below expectations, and there was still a tendency in some quarters to reduce estimates of the yield.

According to official statistics, exports of gum rosin during April were 42,243 barrels; wood rosin, 29,983 barrels. Gum

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turpentine, 644,615 gallons; wood, 376,984 gallons. Pine oil, 167,234 gallons. Tar and pitch of wood, 1,288,708 pounds. Other gums and resins, 734,971 pounds.

Turpentine.—The strength of primary markets, following the announcement of the government's action in the matter of loan supplies, was reflected in a firmer situation here. Business lacked snap, but an increase was noted in the call for moderate lots, the movement of such quantities being reported by some as considerably larger than in the previous week.

SAVANNAH, June 9.—Turpentine was quieter, with the undertone of the market steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	23	21	265	2,394	31,353
Tuesday....	23½	34	495	134	31,714
Wednesday.	24½	39	719	1,129	31,304
Thursday...	25	169	128	138	31,294
Friday.....	23¾	23	142	...	31,435

* No trading.

JACKSONVILLE, June 9.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	22¾	...	553	...	46,046
Tuesday....	22¾	...	412	...	46,458
Wednesday.	24¼	54	235	...	46,688
Thursday...	24½	35	138	...	46,826
Friday.....	24½	...	124	...	46,590

* No trading.

PENSACOLA, June 3.—Turpentine was steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	110	...	26,237
Tuesday	155	...	26,392
Wednesday	64	247	26,209
Thursday	196	283	26,122
Friday	26	162	26,087
Saturday	101	...	26,223

CHICAGO, June 9.—Consumption of turpentine is the subject of conficting reports but in any event, the volume of both wholesale and retail business this week has been better. Ruling prices at the close of business last night were:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, June 9.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	32	9
Monday	32	9
Tuesday	33	3
Wednesday	33	9
Thursday	33	9
Friday	33	9

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STROOCK & WITTENBERG CORPORATION, N. Y.

Stocks of American turpentine in London were:—

	June 9.	Previous week.	Last year.
Barrels	15,890	17,676	22,316

Rosin.—The local market for rosin had a firmer tone, this being a reflection of developments in the South where transactions were on an increased scale owing to the withdrawal of government supplies. Business here showed some increase, though much of the purchasing was still along conservative lines.

SAVANNAH, June 9.—The rosin market had a steadier tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
D	...	3.70	3.80	3.80	3.80	3.80
F	...	3.95	4.10	4.10	4.10	4.10
F	...	4.20	4.35	4.45	4.45	4.45
G	...	4.60	4.70	4.85	4.85	4.85
H	...	4.70	4.85	5.05	5.05	5.10
I	...	4.70	4.85	5.10	5.10	5.15
K	...	4.75	4.90	5.10	5.10	5.15
M	...	5.00	5.15	5.25	5.25	5.25
N	...	5.05	5.30	5.45	5.50	5.45
WG	...	5.70	5.75	5.85	6.00	6.00
WW	...	6.10	6.20	6.20	6.30	6.20
X	...	6.10	6.20	6.20	6.30	6.20
	Barrels					
Sales	...	201	460	373	125	185
Receipts	...	1,328	1,282	917	770	352
Shipments	...	4,149	400	2,521	180	54
Stocks:—	...	280,936	281,818	280,214	280,804	281,182

* No trading.

JACKSONVILLE, June 9.—Changes in rosin quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.20	$3.20	$3.20	$3.20	$3.20
D	...	3.50	3.50	3.50	3.50	3.50
E	...	3.85	3.85	3.85	4.10	4.10
F	...	4.25	4.25	4.25	4.55	4.35
G	...	4.60	4.60	4.60	4.85	4.85
H	...	4.70	4.70	4.70	5.00	5.00
I	...	4.70	4.70	5.00	5.00	5.00
K	...	4.90	4.90	5.00	5.00	5.00
M	...	5.10	5.10	5.20	5.20	5.20
N	...	5.10	5.10	5.30	5.30	5.30
WG	...	5.85	5.85	5.75	5.75	5.75
WW	...	6.35	6.35	6.25	6.35	6.35
X	...	6.35	6.35	6.25	6.35	6.35
	Barrels					
Sales	...	31	...	101	87	...
Receipts	...	2,105	873	721	410	528
Shipments	...	...	...	164	103	133
Stocks:—	...	281,063	281,916	282,473	282,780	282,175

* No trading.

PENSACOLA, June 3.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	266	406	230	46	127	250
Shipments	813	745	...	80	435	20
Stocks	63,358	63,019	63,249	63,215	63,157	63,445

CHICAGO, June 9.—Business is brisk in the rosin market, and values have been improving irregularly. Ruling prices at the close of business last night were:—B grade, $6.35 per lot of 280 pounds; G grade, $7.55; M grade, $7.55; W.W. grade, $9.20.

LONDON, June 9.—Quotations on American rosin were as follows:—

	Per cwt in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	14	10½	19	3
Monday	14	10½	19	3
Tuesday	14	10½	19	3
Wednesday	14	10½	19	3
Thursday	14	10½	19	3
Friday	14	10½	19	3

Pine Oil—A somewhat better inquiry was noted, though actual business was still mainly of the same conservative character reported in recent preceding weeks. The market retained a steady tone.

Pitch.—Quotations on spot material were generally stationary, with the tone of the market firm. Business lacked snap, but there was a fair inquiry for moderate lots.

Rosin Oil.—Business continued along the same narrow lines previously noted, few consumers being inclined to purchase ahead to any material extent. Prices were steady.

Tar.—Trade was on a fair scale, the movement to local and other consumers apparently being made up in the main of moderate lots. The market remained steady.

—*Continued on page* 41

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Oils, Fats, and Waxes

Linseed Oil Up Again on Rise in Argentina Seed—Further Advance in Chinawood, Oiticica and Perilla Oils—Copra and Coconut Oil Easier—Small Changes in Cottonseed Oil

A good inquiry continued to be reported last week for oils that are used in the production of paints and varnishes, transactions in some instances being limited by inadequate supplies. The trend of these commodities was again upward. Business in the general list of vegetable, animal and fish oils, fats and greases was rather quiet, purchasing being limited as a rule to small quantities to meet the current needs of consumers.

Chinawood oil was still in upward trend owing to the continued strength of the situation abroad, and the small-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 3 N. C., ½c. per lb.
No. 1 yellow, 1c. per lb.
No. 2 yellow, 1½c. per lb.
Linseed oil, 2-10c. per lb.
Oiticica oil, ½c. per lb.
Perilla oil, ½c. per lb.
Soybean oil, ⅛c. per lb.

Reduced

Coconut oil, ¼c. per lb.
Copra, 1-10c. per lb.
Lard, 10c. to 25c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.7	99.5	99.4	103.6

Market news that may have developed after this report was sent to press will be found on page 4.

ness of supplies and offerings here. Oiticica and perilla oils were also higher. Soybean oil was firmer, prices being advanced slightly by one producer. Copra was easier abroad and domestic quotations on coconut oil were shaded.

Price movements in the local market for cash lard were narrow in company with the course of futures in the West where speculative operations were on a comparatively small scale. Quotations on refined animal oils were generally stationary. Refined fish oil selling schedules were unaltered. Tallow was steady, with the movement of small or moderate quantities larger than in the previous week.

Vegetable Oils

Chinawood.—The domestic situation continued to be featured by a firm tone last week in the absence of any relaxation of the strength latterly displayed abroad. Very little oil was available for shipment from China, and sellers here were apparently not in a position to increase offerings. Some local quarters seemed to be bare of supplies. A good inquiry continued to be reported, but such transactions as were noted were limited to unimportant quantities. Quotations were still generally nominal. Importations during April were 9,526,226 pounds.

COCONUT.—Domestic markets for crude oil had an easier tone last week. The trend of copra abroad was reactionary and oil quotations here and on the Coast were shaded. Crude oil in tankcars was reduced here to 3¼c. per pound. There were reports of occasional inquiries, but few transactions were noted. Refined oil was steady here, quotations being maintained at the advance noted in the previous week.

SAN FRANCISCO, June 6.—Crude coconut oil is quoted on the basis of 3c. to 3⅛c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills with trade moderately active. Copra remained very quiet this past week, with Europe continuing to take further quantities out of supply sources. Buyers on the Pacific Coast have shot out bids of 1.90c. per pound, c.i.f. with the quoted price being 1.95c.

Corn.—Quotations on crude oil were generally stationary during the week, although the tone of the market appeared to be steadier. The inquiry was reported as slow. On the other hand offerings continued light.

Cottonseed.—Edible oil met with a fair inquiry. The market retained a steady tone. Offerings of Brazilian semi-refined oil were light, with quotations around 3.60c. per pound, Pacific coast basis.

Oiticica.—Quotations were advanced a cent or more per pound by importers, the market being firm at the rise. Spot stocks appeared to have diminished and offerings were light. There was a fairly active inquiry for moderate quantities. Importations during April were 1,107,262 pounds.

Olive.—Foote and denatured oil met with a fair inquiry, the purchasing generally being limited to comparatively small or moderate quantities. The market retained a steady tone.

Palm.—An increase was noted in the inquiry though actual transactions were apparently limited to unimportant quanities. Offerings from abroad were reported as light, with prices steady.

Perilla.—Prices for spot oil had an upward trend, the stronger situation being due to a firmer market abroad. Quotations here were ½c. per pound higher, with sales reported at 10c. per pound in tankcars on spot. Importations in April 2,597,603 pounds.

Markets at Other Centers

San Francisco, June 6.—Increased activity in vegetable oils was noticeable here during the past week, with heavy trading seen in some of the items.

OITICICA.—Raw, liquid oil, laboratory controlled, uniform quality, standard specification, quoted on the basis of 13½c. per pound in drums and/or tankcars, f.o.b. San Francisco for spot stocks or futures.

COTTONSEED. — Domestic bleachable oil quoted 6⅞c. per pound in tankcars, f.o.b. Pacific Coast mills. Foreign oil not quoted.

PERILLA.—Crude oil quoted 9½c. per pound in tankcars, prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted 5⅞c. per pound in tankcars, nominally, f.o.b. Pacific Coast ports for shipment from spot stocks or from the Orient.

TEASEED.—Free acid oil quoted 9½c. per pound in drums or tankcars, nominally, f.o.b. San Francisco, for shipment out of the Orient.

Chicago, June 9.—Slight easiness in prices here and there is reported in various grades of vegetable oils. Movement of material has been mostly along routine lines, with buyers placing orders only for their immediate needs.

COCONUT.—Coast basis, June-forward 2⅞c. to 3c. per pound. Refined, edible oil, 8¼c. to 8½c. per pound, barrels, car lots; and 8¾c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 5⅝c. to 5⅞c. per pound, partly nominal. Refined, edible oil, 8¾c. to 9c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

PEANUT.—Crude, 5¾c. to 6c. per pound, partly nominal.

SOYBEAN.—Crude, mills, June-forward, 4⅞c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was fairly active, the inquiry for cash beans showing an increase and speculative operations in futures also being on a somewhat larger scale. Prices were irregular. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing June 9.	Closing June 2.
No. 2 yellow.	$0.95½	$0.92¼	....	....
July	.94½	.91	.92½	$0.90¼
October	.81¼	.80	.81¼	.81¼

London, May 29.—Soybean oil, crude, 25s. per cwt.; rapeseed, refined, 32s. 6d.; palm kernel, refined, English, 26s. 6d.; peanut, Bombay, 23s. 6d.; sardine, Japanese, 22s.; whale, crude, Rotterdam, 16s. 3d.

Linseed Oil

Flaxseed markets generally firm. Linseed oil higher. Cake and meal steady.

Flaxseed—DULUTH, June 9.—Cash flax remains at 2 to 8 cents over Minneapolis July, but little is happening in the way of trading. Crop reports assert that dry weather has slowed the growth of the new crop so that flax in Southern Minnesota and Northern Iowa is below normal. The situation through the region as a whole has been partly relieved this week by rain.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

For Every Specification
Processed
Refined
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Cooked
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VEGETABLE and FISH OILS
Perilla Oil
Soya Bean Oil
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The week's closing price range was as follows:—

	Cash.	July.
Saturday	$1.81½	$1.73½
Monday	1.81	1.73
Tuesday	1.82¼	1.72
Wednesday	1.82½	1.75
Thursday	1.84½	1.76¾
Friday	1.83½	1.75½

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week	.....	.....	.....	69,726
Since Aug. 1	1,361,290	1,065,001	1,394,800	1,224,538

MINNEAPOLIS, June 9.—Not much action in the local cash flax market during the week. A few small carloads came in from day to day and there was no pep to the demand for most of the quality offered. However, the crushers absorbed the daily arrivals promptly at unchanged prices. The only change was a shift to September futures as a trading basis. This was done because of the very light trade in July futures.

Shipping advices from the country now are light and apparently most of the residue seed flax has been cared for. Farmers are delivering a little more old seed because of good rains and better prospects for a new crop. Local elevator stocks evened up in four days compared with an increase of 10,000 bushels in the same period a year ago.

Crop news is good. Generous rains fell in North Dakota recently and the outlook for a crop is good this season. A few spots in North Dakota were damaged by drought and hoppers but virtually all of the Minnesota crop is in good shape and growth is advancing rapidly. South Dakota suffered some damage from drought. The grasshopper menace is still to be considered but at the moment is not taken seriously. Rains and a quick dip in temperatures helped to hold them in check in North Dakota and northwest Minnesota.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.85½	$1.73½	$1.71
Monday	1.85	1.73	1.70
Tuesday	1.85¼	1.74¼	1.71¼
Wednesday	1.85½	1.74½	1.71½
Thursday	1.87	1.76	1.73
Friday	1.87	1.75½	1.73

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week	13,200	52,590	2,400	9,600
Since Sept. 1	2,076,200	3,489,320	642,750	829,822

WINNIPEG, June 9.—Flaxseed futures were irregular with grain. Trading was quiet. The week's closing price range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.49½	$1.51	$1.43⅞
Monday	1.45	1.47	1.43
Tuesday	1.43⅝	1.45	1.41
Wednesday	1.44⅝	1.46	1.42
Thursday	1.44¾	1.46	1.42½
Friday	1.43¾	1.45	1.42⅛

BUENOS AIRES, June 9.—Opening prices per bushel on June contracts were:—

	Last week.	Last year.
Saturday	$1.20½	$1.13¼
Monday	1.20½	1.13¼
Tuesday	1.21⅜	1.14⅞
Wednesday	1.22¾	1.15⅛
Thursday	1.23½	1.16¼
Friday	1.22⅞	1.16

Exports

To—	Last week.	Previous week.	Last year.
United States	157,000	744,000	.....
United Kingdom	4,000	.....	.....
Continent	232,000	461,000	386,000
Orders	35,000	114,000	.....
Others	.....	.....	.....
Totals	428,000	1,319,000	386,000

Since January 1

To—	This year.	Last year.
United States	8,302,000	5,491,000
United Kingdom	544,000	1,062,000
Continent	12,907,000	12,889,000
Orders	6,389,000	5,472,000
Others	1,799,000	1,191,000
Totals	29,941,000	26,105,000

Visible Supply

	Bushels.
Last week	4,724,000
Previous week	5,511,000
Last year	5,512,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
United Kingdom	236,000	448,000	508,000
Continent	.....	24,000	4,000
Others	*16,000	.....	.....
Totals	252,000	472,000	512,000

Since April 1—	This year.	Last year.
United Kingdom	2,112,000	2,816,000
Continent	224,000	100,000
Others	88,000	60,000
Totals	2,426,000	2,976,000

* Australia and Japan.

HULL, June 9.—Quotations on flaxseed were:—

	La Plata.	Bombay.
Saturday	£12	£13⅝
Monday	12	13⅝
Tuesday	12	13⅝
Wednesday	12	13⅝
Thursday	12⅛	13⅝
Friday	12⅛	13⅝

Linseed Oil.—A further advance occurred in local linseed oil quotations last week, the strength being attributed to the upward trend of flaxseed in the Buenos Aires market. Crushers generally quoted 8.8c. per pound for oil in tankcars. The market was rather quiet so far as new business was concerned, though the movement into consuming channels on contracts previously placed continued to be reported as steady. Similar reports as to the condition of business were received from outside crushing centers.

Cash flaxseed was quieter in primary markets, but this was due mainly to the smallness of available supplies rather than to a lack of buying interest. The country movement in some sections was slightly larger, this being attributed to an improvement in crop prospects which made farmers more inclined to dispose of their remaining supplies. Beneficial rains were received last week in sections where damage was recently feared as a result of insufficient moisture.

Receipts of flaxseed at New York last week were 183,300 bushels.

MINNEAPOLIS, June 9.—Crushers are inclined to report a quiet oil market. There is fairly steady interest but prices are up and actual sales are limited. No tendency on the part of crushers to stimulate the demand with quotations low. Interest in nearby small lots is rather good but few tankcar or cooperage car lots are being taken. Buyers are showing interest in shipment up to the end of the year. Shipping instructions are fair and not as good as they have been. Crushers are operating virtually none of their capacity at present.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots 8.7c. per pound, cooperage car lots 9.3c. per pound and warehouse lots 9.7c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,080,000	1,554,419
Since Sept. 1	59,468,953	50,208,218

SAN FRANCISCO, June 6.—With the California flaxseed harvest well under way, the linseed oil market has been nominal during the past week. It has been reported that some large lots were sold at a price just below 8 cents. The quoted prices are:—Tankcars, 8.1c. per pound; drum lots ex mill, 8.7c.; drum lots ex warehouse, 9.1c.

CHICAGO, June 9.—Shipping instructions are reported to be quite good in the linseed oil business, and with stocks said to be down to comparatively low levels there is a steady tone in the dealings. Ruling prices are:—Tankcar, 8.7c. per pound, tankcar; 9.3c., car lots; 9.7c., less than car lots.

LONDON, June 9.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	25	3
Monday	25	3
Tuesday	25	4½
Wednesday	25	4½
Thursday	25	4½
Friday	25	4½

Cake and Meal.—A steady tone prevailed, quotations being maintained at previous levels. There was a fair export inquiry for cake. Domestic trade in meal was quiet.

MINNEAPOLIS, June 9.—There is a steady demand for small lots of linseed meal but mills are not turning any out and reserves are too small to take care of much business during the near future. Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $38 to $38.50 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	1,802,400	1,178,050
Since Sept. 1	78,064,625	110,564,956

CHICAGO, June 9.—With linseed meal buyers willing to take a little here and there and with no anxiety on the part of suppliers to push meal, a fairly firm and stable market situation exists. Ruling prices are:—Round lots, $38 per ton, largely nominal; car lots, $38 to $39; less than car lots, $40 to $41.

Cottonseed Oil

Refined cottonseed oil futures were quiet, with narrow changes in prices. Southern markets quiet and steady.

Cottonseed Oil.—Trading in refined cottonseed oil futures in the local market continued on a small scale last week. Commission houses had few orders and local ring traders were not inclined to add materially to their commitments on either side of the market on the eve of the monthly cottonseed report from the Census Bureau. There was nothing stimulating in the action of outside markets, changes in lard and cotton generally being narrow. Fluctuations in cottonseed oil futures were small and devoid of any particular significance. There was further switching from July to October at 21 points difference, and to January at 33 points.

Southern markets for crude oil were quiet, with offerings light and the prevailing tone steady. There was very little seed moving to mills, practically all of the seed received at crushing plants recently being surplus supplies left over from planting. Business in cash refined cottonseed oil continued to be reported as quiet, and bearish views prevailed in local quarters concerning the probable consumption figures for the past month, although such figures were expected to have little effect upon sentiment at this period of the year unless they should prove to be a surprise of a bullish nature.

Marketing of hogs continued on a comparatively liberal scale, arrivals in the principal Western centers for four days of the week aggregating 220,100 head against 176,291 head in the same time last year. The weight of the hogs received at Chicago during the week ended June 3 averaged 251 pounds against 255 pounds in the previous week and 260 pounds in the same week last year. Stocks of lard in Chicago increased 4,972,601 pounds during May, against an increase of 4,421,275 pounds in the same month last year. Supplies in that center at the close of May were 76,547,643 pounds against 68,564,983 pounds a year ago.

Reports in regard to the progress of the cotton crop were regarded by some as more favorable though reports of an opposite character were not lacking. Complaints of increasing weevil activity were received more numerously from the Southeast. The weekly government report stated that in Texas progress of cotton was mostly good in the east and south, but much remains to be planted in the northwest where rain is needed. In Oklahoma progress was mostly good. In many parts of the Central and Eastern states fair weather and sunshine are desired for needed cultivation. A local business publication issued a report based on returns from correspondents in the South, putting the acreage under cotton as of June 1 at 24,422,000 acres against government figures for July 1 last year of 25,018,000 acres.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from June 3 to June 9, inclusive, comprised 319 contracts, a total of 19,140,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks High.	Low.	Close.
January	7.00	6.92	7.00 sale
July	6.64	6.54	6.64@6.65
September	6.83	6.70	6.83 sale
October	6.87	6.75	6.87 sale
December	6.96	6.80	6.96 sale
Crude, Southeast, .05½c.		Nom.	

Chicago, June 9.—A slightly easier tone, and fractionally lower prices are reported in the cottonseed oil market here. Orders have been going along, however, at levels that make a reasonable comparison with what has been noted in earlier periods. Good, off-Summer, yellow fig oil is 6⅞c. per gallon. Refined, edible oil is 8¼c. to 8½c. per pound, barrels, car lots; and 8¾c. to 9c., barrels, less than car lots.

Hull, June 9.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	20	6	18	0
Monday	20	6	18	0
Tuesday	20	6	18	0
Wednesday	20	6	18	0
Thursday	20	6	18	0
Friday	20	6	18	0

Cake and Meal.—Business in Southern markets for spot material continued to be reported as quiet. Offerings remained light and the prevailing tone was steady.

Markets at Other Centers

Atlanta, June 7.—The temperature has risen which has been of some help to cotton but excess moisture and cloudiness are considered unfavorable to the crop especially from the standpoint of weevil damage. A few bright, warm days would greatly improve the situation.

Prime crude oil is quoted around 5½c. per pound, and 8 percent meal at $24.50 to $24.75 per ton, Southeastern mill points.

MEMPHIS, June 9.—Crude cottonseed oil remained quiet during the past week. A few scattered tanks sold at 5½c., Valley basis, and this figure is still bid by small buyers at favorably situated points. Light scattered demand for meal, but offerings generally small and market steady at $23.25 per ton for 41 percent, Memphis basis. Slab cake $20.50 per ton at Valley points. Hulls $4 per ton at mill points. Excessive rainfall in this area has made cotton fields somewhat grassy, but no serious damage reported. Weather conditions now more favorable and labor plentiful.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	June 1.	June 8.
July	$22.80@23.05	$22.75@22.90
September	22.70@23.00	22.45@22.65
October	22.70@——	22.40@22.65
December	22.70@22.85	22.45@22.55

Fatty Acids

Capric Acid.—No broadening of trade was noted, but there was a fair movement of moderate lots to makers of chemical compounds, and the market was steady on the basis of previous quotations.

Caproic Acid.—Purchasing apparently did not involve important individual lots, consumers being disinclined to anticipate. The movement of moderate quantities was apparently satisfactory

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

for this season, however, and prices remained steady.

Castor Oil.—The market for this fatty acid remained in a steady position. There was a fair movement to makers of shampoos and cosmetics on contracts although new business was reported as quiet.

Palm Oil.—Business in this fatty acid continued along the same conservative lines noted in previous weeks, consumers still being disinclined to purchase ahead. The inquiry for moderate lots, however, was reported as somewhat more active.

Stearic Acid.—With basic material steady, quotations on stearic acid were maintained at previous levels. There was a fair movement into consuming channels on contracts and transient orders. Importations during April were 86,591 pounds.

Markets at Other Centers

Chicago, June 9.—Trade in fatty acids has been holding up relatively well recently.

FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 7¾c., tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅛c. to 3¼c.; boiled down soap stock, 65 percent basis, 4⅛c. to 4¼c.; cottonseed foots, 50 percent basis, 1⅛c. to 1⅜c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—The local refined situation continued to be featured by a steady tone despite the absence of any improvement in trade. There were reports of a fair inquiry, but as in recent preceding weeks, actual transactions were limited to comparatively small quantities, the aggregate movement of such lots being unimportant. The tone remained steady, quotations being held at previous levels.

Sardine.—Refined oil selling schedules were unchanged and the tone of the market appeared to be steady. There was a fair request for small or moderate lots for prompt shipment.

Sperm.—Business lacked snap, but there was a fair inquiry for moderate lots to meet the current needs of consumers. The market retained a steady tone.

Markets at Other Centers

Baltimore, June 7.—Fishing continues to be of a rather desultory character, with the catches made off the Florida coast light, and with the fish yielding no oil. A number of boats are out off the North Carolina coast, with about the same result, while a beginning has been made with operations down the lower Chesapeake Bay, ahd a promise that the lead of one company is to be followed toward the latter part of the week by others. The ideas of the producers are still upwards of 28 cents per gallon, a figure which the consumers are not inclined to meet. Much will depend upon the market for materials which can be used in the place of fish oil. Any firmness in these substitutes is likely to be reflected in increasing willingness to meet the figure of the producers of menhaden oil. The quotations on refined oil stand at 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached and 57c. to 59c. per gallon for yellow bleached stocks.

San Francisco, June 6.—So far no fish has been reported sold and the markets all up and down the Coast remain quiet. The new season in Alaska is yet to get under way; it is expected to start around the middle of the month. Old season spot California oil rests nominally at 32c. per gallon in tankcars. The market has been very quiet.

Fats and Greases

Grease.—A steady tone prevailed on spot, prices showing little change. Business lacked snap, but there was a fair inquiry for moderate quantities for prompt shipment.

Lard.—Price movements in the local market for cash lard were generally narrow in the absence of wide changes in futures in the West, where speculative operations were on a comparatively small scale. Foreign and export trade here was reported as fair.

Stearin.—Demand was rather quiet but there was no increase in offerings and the market was steady on the basis of previous quotations.

Tallow.—The local market for spot tallow was more active last week. Transactions apparently did not involve individual lots of importance, but the call for small or moderate lots showed an increase and, according to some reports, the aggregate movement of such quantities was larger than in recent preceding weeks. The prevailing tone was steady.

There was no trading in tallow futures on the New York Produce Exchange from June 3 to June 9, inclusive. Following is a price record for the week:—

	Cents per pound in tanks—High.	Low.	Close.
July	...	...	5.30@5.45
October	...	...	5.45@5.60

Markets at Other Centers

Chicago, June 9.—The cash lard market here has been quiet. Tone seems to be fairly steady.

	Per 100 pounds—Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.30	$6.35	$6.25	$6.35	$6.30
July	6.35	6.40	6.32	6.40	6.37
October	6.52	6.52	6.47	6.52	6.50

TALLOWS (tierces).—Edible, 5⅜c. to 5⅝c. per pound; prime, 5⅜c. to 5½c.; fancy, 5⅜c. to 5½c.; special, 5½c. to 5¼c.

GREASES (tierces).—Choice white, 5⅛c. to 5¼c. per pound; A white, 5c. to 5⅛c.; B white, 4⅞c. to 5c.; yellow, 10-16, 4½c. to 4¾c.; yellow, 16-20, 4⅜c. to 4⅝c.; brown, 4⅛c. to 4⅜c.

STEARINS (barrels).—Prime oleo, 4⅝c. to 4¾c. per pound; lard, packages, 6⅞c. to 7c.; white grease, 5⅜c. to 5½c.; yellow grease, 5c. to 5¼c.; oleo stocks, 7⅜c. to 7½c.; No. 2 stocks, 7c. to 7¼c.

Liverpool, June 9.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	July. s.	d.	September. s.	d.
Saturday	36	3	35	0	36	0
Monday	35	6	35	0	36	0
Tuesday	35	0	35	0	36	0
Wednesday	35	0	35	0	36	0
Thursday	35	0	35	0	36	0
Friday	35	0	35	0	36	0

Liverpool, June 9.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	17	9	16	9
Monday	17	9	16	9
Tuesday	17	9	16	9
Wednesday	17	9	16	9
Thursday	17	9	16	9
Friday	17	9	16	9

Animal Oils

Degras.—No broadening of trade was reported, buying interest apparently still being limited to small or moderate lots, with the movement of such quantities fair. The market remained steady.

Lard.—A steady tone prevailed, prices generally being maintained at previous levels. There was a somewhat better inquiry, though consumers showed little disposition to purchase in advance of current needs.

Neatsfoot.—Business was somewhat more active, with the purchasing generally limited to comparatively small or moderate quantities for prompt shipment. The market was steady.

Oleo.—Conditions remained about as noted in the previous week, quotations being stationary, with trade on a fair scale.

Markets at Other Centers

Chicago, June 9.—Trade in various grades of animal oils has been quiet. The price structure is reported holding fairly well.

LARD.—No. 1, 8¼c. to 8½c. per pound.

OLEO.—No. 2, 7¼c. to 7½c. per pound.

TALLOW.—Acidless, 7¼c. to 7½c. per pound, tanks; and 8¼c. to 8½c., barrels.

Waxes

Bees.—Very fair demand was reported by the bleachers and refiners. Movement of stocks into consumption was along fairly liberal lines that contributed considerably to the general firmness of prices and market undertones. Prices on crude wax continued to be very firm and free from any price shading influences.

Candelilla.—The market should be higher. In fact, some have tried out higher spot quotations but found competition sufficiently alive to prevent success of the attempt. Quotations were still minimum at 15½c. per pound, but the market was firm on that basis because of the excellent control of prices at the source.

Carnauba.—Quotations tended upward notwithstanding the fact that arrivals here during the past week totaled 6,221 bags. Much of this wax was owned by consumers on arrival and hence moved virtually from dock to owner. Cables from Brazil revealed a strong market, especially on the yellow grades the offerings of which were few, small, and far between. Prices on yellow waxes were higher. Those on the No. 3 grades held at levels prevailing during the previous trading period. Spot quotations were higher in some instances and the market was as follows:—No. 3 chalky, ton lots, 29½c. to 30½c. per pound, according to seller; 5 bag lots, 30c. to 31c.; 1 bag lots, 30½c. to 31½c.; No. 2 North Country, 25½c. to 26c.; No. 3 North Country, ton lots, 31c. to 31½c.; 5 bag lots, 31½c. to 32c.; 1 bag lots, 32c. to 32½c.; No. 1 yellow, ton lots, 41½c. to 42c.; 5 bag lots, 42c. to 42½c.; 1 bag lots, 42½c. to 43c.; No. 2 yellow, 41c. to 41½c. Late in the week a quotation on No. 1 yellow at 40c. per pound was heard; also, 29c. on No. 3 chalky, and 30½c. on No. 3 North Country. The complete price schedule quoted in detail in the third from the last paragraph was based on the price views of four of the five largest importers in this market.

Japan.—The market remained unchanged in price, but was very firm. Of interest was the fact that in place of there being but two brands of Japan wax in this market, there are now several being merchandised under new brand names.

Paint Materials

—Continued from page 38

Shellac

Shellac was a very quiet item last week. Reports in local circles were to the effect that buyers took not a pound more than their actual requirements and hence volume was light and unimproved over that in recent periods. Pricewise, the markets abroad showed a fair degree of stability. On spot, values lacked quoteable change, but beneath the surface of the market existed a fair amount of competition. April imports of shellac were as follows:—Crude lac, seed, button, and stick lac, 1,480,788 pounds from British India; unbleached shellac, 59,696 pounds from Germany, and 2,968,316 pounds from British India; bleached shellac, 45,688 pounds from Germany.

Calcutta, June 9.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound—June 9.	June 2.
June	9c.	9⅛c.

Day-to-day quotations were as follows:—

	Per pound.
June 2	9⅛c.
*June 3	.....
June 5	9⅛c.
June 6	9⅛c.
June 7	9c.
June 8	9c.
June 9	9c.

* No cables.

London, June 9.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	June 9—Shillings. Cwt.	Cents. lb.	June 2—Shillings. Cwt.	Cents. lb.
August	36	7.85	36	7.85
October	37	8.06	37	8.06

Day-to-day closing prices were as follows:—

	Per hundredweight—August.	October.
June 2	36s ..	37s ..
*June 3	... ..	... ..
June 5	36s 3d	37s 3d
June 6	36s 3d	37s 3d
June 7	36s 3d	37s 3d
June 8	36s 3d	37s 3d
June 9	36s 3d	37s 3d

* No cables.

Lacquer Materials

Demand for most lacquer materials and solvents was moderately active last week. While spottiness was noticeable in some products, replacement buying was considered sufficient to give the market a steady to firm price tone. With the deadline approaching for the third quarter price changes, nothing was uncovered to indicate that current schedules will undergo much revision either way. Prices were in conformity with those prevailing previously. The automotive industry was expected to make some recovery after the holiday and strike conditions curtailed output. The labor difficulty in the Detroit body plants was settled recently. However, seasonal leveling off in most lines was expected to keep business from forging ahead very rapidly during the next few months at least.

Acetone.—Shipments continue to move quite steady in most directions last week. Prices were without alteration. April exports aggregated 898,520 pounds, valued at $53,561, of which 226,859 pounds went to the Netherlands; 147,646 pounds to Belgium; 107,639 pounds to Sweden; 116,167 pounds to the United Kingdom and 89,600 pounds to Japan.

Amyl Acetate.—Quotations underwent no change during the week just ended. A firm tone ruled in the market for the ex-fusel oil material. Business continued moderately active. Exports during April totaled 53,172 pounds, valued at $6,734, of which 11,116 pounds went to Belgium; 17,865 pounds to Argentina, and 17,090 pounds to Brazil.

Butyl Acetate.—Transactions in the market for the secondary and normal grades were spotty, although some consumers were showing interest for fair size replacements last week. Prices ruled unchanged. April exports amounted to 693,747 pounds, valued at $56,323, of which 206,890 pounds went to Australia; 159,900 pounds to the United Kingdom; 71,539 pounds to Belgium; 45,820 pounds to Sweden and 30,531 pounds to the Netherlands.

Diamyl Phthalate.—Demand continued satisfactory, and withdrawals were in sufficient volume to give the market a steady to firm tone.

Methylethyl Ketone.—The market offered little in the way of new developments, contract and spot transactions were holding at moderate levels. Quotations were without change.

Synthetic Resins

The market for ester gum continued to gain much needed strength last week. Up until two weeks ago suppliers in New York had found a decided lack of interest in offerings, but the demand has started to pick up. Local quotations continued at 6c. to 6¾c. per pound, but if buyers remain active there is a distinct possibility that this low price will be advanced.

Glues and Binders

Casein.—Shipments continued in good voume last week to further consolidate the gains registered two and three weeks ago. Inventories were fairly low because of the pick-up in demand and the small production this Spring. All prices held firmly at the higher levels reported in the last issue.

Glues.—Demand was good in the early days of the week although it slackened off toward the end. Buyers were fairly active in regard to future deliveries, however, and prices for all grades of material were firm.

N.Y. 'Loss Leader' Bill Vetoed by Governor

—Continued from page 5

ishable merchandise, damaged or discontinued goods, liquidation sales, sales for relief, government contracts and sales in good faith to meet competition.

No bill at Albany this Winter evoked a greater amount of interest generally. At a public hearing on the bill more than 2.000 merchants came to Albany from all over the State. The bill passed both houses of the legislature without much opposition, although in the senate there was a spirited debate when the measure came up for final passage.

In vetoing this bill the governor said:—

This bill undertakes to regulate so-called "unfair and deceptive merchandising practices" in all the wholesale and retail trades in New York State.

Apart from the alleged merits of its purpose, I am definitely convinced in my mind that a law of this nature cannot possibly be enforced. The Attorney-General is made responsible for the enforcement of its many complex and abstruse provisions in every single line of business, both wholesale and retail, throughout the State. This is a superhuman task that cannot be discharged by a governmental agency. Our past experience, I believe, proves the unsoundness of legislation of this nature. Nothing is gained by having a statute which must necessarily collapse because of the utter impossibility of its enforcement.

The bill is disapproved.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E 6 Syracuse, N. Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid
WARRANTED PURE BEES WAX

V 135 | 24
JUN 1939
XUM

A Guaranty of MERCK *Purity & Reliability*

MAGNESIUM

MERCK

TRISILICATE

A Superior Antacid and Adsorbent of Distinctive Properties

Prolonged Antacid Action • Greater Adsorptive Power* • Fine Mesh

Suitable for Tablets, Emulsions, or Powders

***Many times as active for methylene blue as is colloidal kaolin.**

LITERATURE ON REQUEST

MERCK & CO. Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

New York: 161 Sixth Avenue • Philadelphia: 916 Parrish Street • St. Louis: 4528 S. Broadway

In Canada: Merck & Co. Ltd., Montreal and Toronto

Drugs, Fine Chemicals

Current Alcohol Prices Used on Third Quarter Contracts—Borax And Boric Acid Prices Extended to December 31 —Quicksilver Up—Methyl Acetone Advanced

The drug and fine chemical market broke out in a rash of activity last week. Among the developments were a sharp advance in quicksilver prices at home and abroad; a rise in methyl acetone quotations, effective June 8; a reduction in the schedule on bismuth subcarbonate and subnitrate without an accompanying drop in the quotations on bismuth metal; cheaper prices on cocoa butter in bulk; and, finally, extention of borax and boric acid prices to cover contracts during the last half of the year, and booking of alcohol business for third quarter delivery at the presently prevailing prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Quicksilver, European, $6 per flask.
domestic, $5 per flask.
Methyl acetone, 3c. per gal.

Reduced

Bismuth, subcarbonate, 10c. per lb.
subnitrate, 10c. per lb.
Cocoa butter, ½c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.2	**183.0**	**183.1**	**181.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Demand for drugs and fine chemicals was generally fair. Seasonal items, especially citric acid and all tartar products moved well. Codliver oil was a weak item because of the exceptionally large production in European waters this Spring. Menthol and camphor were quiet. Acetylsalicylic acid moved in normal quantities at steady prices. Better business in strychnine seemed likely to come soon from the agricultural districts of some states.

Europe bought more than 1,000 flasks of quicksilver in California just prior to the advance in European mercury prices. However, buyers abroad did not catch the domestic producers napping; they paid fairly high prices for the metal. Mercurials were firmer following the advance.

Renewal of contracts on three tonnage items began last week. Borax and boric acid producers announced extention of present prices to cover contract business for deliveries over the last six months of the year. Any change in freight rates will be for the account of buyers, according to the contract terms in force. Alcohol producers were willing to book third quarter alcohol contracts at current prices with the understanding that buyers would be protected against any early and unexpected decline in quotations.

Acid, Boric.—Producers were active renewing contracts to cover manufacturing requirements during the last six months of the year. Quotations that governed trade during the first half of the year were extended to December 31, but any change in freight rates will be for the account of buyers.

Acid, Citric.—Hot weather has raised sales volume of this material substantially. The week just ended was active and the outlook for good business during the weeks ahead was considered excellent.

Acid, Tartaric.—An excellent business was evidence of favorable weather conditions that boosted sales of many manufactured products seasonally acidified with this material. Movement was snstained at attractive levels throughout the period and prices ruled firm.

Agar.—High prices have curtailed moderately the prompt delivery demand for this material and some felt last week that a falling off in sales eventually would result in an easing of the at present very firm situation in Japan.

Alcohol.—Producers were busy renewing contracts to cover requirements in the third quarter of the year. Such renewals are being written on the basis of current quotations but it is understood that should an unexpected weakening of prices give evidence of more competition than at present appears in the market, any lowering of values will bring readjustment of contract prices. The market was apparently quite steady last week.

Aloe.—With production virtually certain to be no larger than at the previous crop—if as large—as the position of Curacao gum was one of substantial strength and prices tended definitely upward. Buying last week was not very active but known needs of some manufacturing consumers were expected to enter the market shortly.

Aloin.—Prices were exceptionally steady, reflecting the upward tendency in quotations on raw material which was expected to receive larger demand in the not far distant future. The call for aloin was not large last week but it was exceptionally steady.

Bismuth Metal and Salts.—Quotations on subcarbonate and subnitrate were reduced 10c. per pound each last week without there having been any change in the cost of bismuth metal. Hence, it was a development due solely to competition. The new quotations were: Subcarbonate, cans, $1.52 to $1.78 per pound; drums, $1.43 to $1.46; subnitrate, cans, $1.32 to $1.58; drums, $1.23 to $1.26.

Borax.—The prices at which business was done in the first half of the year have been extended to cover the final six month period. Producers stated that any change in freight rates would be for the account of buyer. An active renewal of contracts was generally reported.

Caffeine.—Interest in alkaloid held at fairly high levels, indicating that a very fair consumption was a general experience of suppliers. Prices continued to be well stabilized.

Castor Oil.—With business somewhat routine, though fairly active along lines of recent experience, quotations were maintained steadily and did not appear to be subject to much variation from the official schedule.

CHICAGO, June 8.—The buying of castor oil is steady, and movement seems to be rather well maintained. There is no definite indication, however, of broadening demand. Rather it appears the market is marking time. Ruling prices are:—No. 1, barrels, car lots, 9⅛c. per pound; barrels, less than car lots, 10¼c.; drums, car lots, 8⅞c.; barrels, less than car lots, 10c.; tanks, 8⅜c.; No. 3, barrels, car lots, 8⅝c.; barrels, less than car lots, 9¾c.; drums, car lots, 8⅜c.; drums, less than car lots, 9½c.; tanks, 7⅞c.

Cocoa Butter.—Plentiful stocks, moderate demand, and a low cost of raw material all combined to put the market for bulk butter in car lots down to the basis of 10½c. to 10¾c. per pound, spot.

Codliver.—Shipment quotations were thoroughly easy under the influence of the large production in Europe. Spot prices were also very easy under the added influence of competition that a not too active spot demand has emphasized of late.

Hull Codliver Oil Exports

Exports of codliver oil from Hull, Eng., during the first four months of 1939 showed a gain over those in 1938 during the corresponding months. The following tabulation gives the exports of medicinal, poultry and technical oils in the period January-April during the past three years:

	Gallons	
	Medicinal.	Poultry-Tech.
1939	156,480	174,303
1938	118,585	105,800
1937	118,342	679,550

BERGEN, May 20.—Production to this date has been as follows:—

	Fish, tons.	Oil, hectoliters*
1939	204,414	90,201
1938	151,578	66,307
1937	149,578	74,107

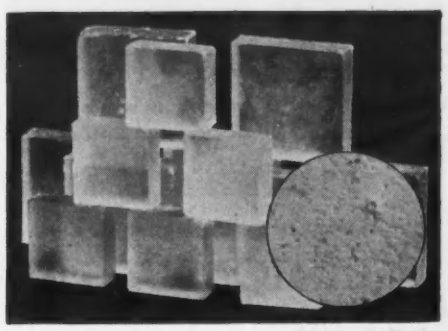
* To convert into barrels multiply by 0.88.

Cream of Tartar.—The firmness of raw material was completely reflected in the strength governing prices for this derivative. Business of very fair size also contributed to the full maintainence of prevailing quotations.

Ephedrine.—Low prices and plentiful supplies made this article one distinct-

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7

Every Tablet of
SHERKA CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



Surface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

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Meets all U.S.P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder—all available from one source.

Write for comparative samples amd prices to

SHERKA CHEMICAL CO., Inc. or **Bloomfield, N. J.—Importers**

GEORGE UHE COMPANY
80 Eighth Avenue, New York, N. Y.
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The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.

OBTAINABLE FROM
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METHYL SALICYLATE U. S. P.
A bright water white liquid of exceptional purity. As Methyl Salicylate is used principally for flavor and odor effect, the uniformity of the Heyden product is especially important.

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ACETYLSALICYLIC ACID
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SALICYLIC ACID U. S. P.
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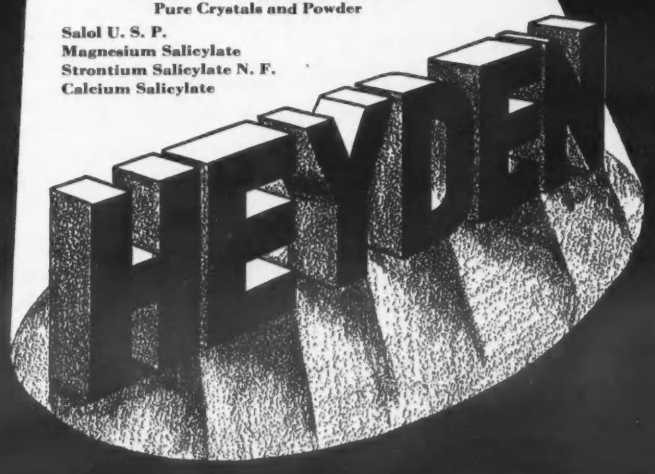
Salol U. S. P.
Magnesium Salicylate
Strontium Salicylate N. F.
Calcium Salicylate



HEYDEN CHEMICAL CORPORATION
NEW YORK—50 Union Square
Chicago—180 N. Wacker Drive • FACTORIES: Garfield, N. J.—Fords, N. J.

ly favorable for substantial coverage of requirements of the early Winter to come. Indications were, however, that some fair sized consumers were still well stocked with this raw materials.

Glycerin.—New developments were lacking. For the most part, it was a market of steady prices and undertones with consumption running along lines noted in the market for some time past. The general situation was thought to be mainly satisfactory since no undue accumulation of stocks of any sort existed and a fair consumption requirement during the months immediately ahead seemed likely.

CHICAGO, June 8.—Demand for c.p. and other grades of glycerin is good. Orders have been holding up quite well. Sellers report they see no important change in the situation, neither in general factors affecting statistical considerations nor in buyers' attitudes. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Mercurials.—Quotations failed of advance notwithstanding the fairly sharp advance in prices for both European and domestic quicksilver. However, the market was definitely on the firm side, especially as concerned hard mercurials which group moved in very good volume throughout the past week.

Methyl Acetone.—Effective June 8, prices for this item in tankcars were set at 28c. per gallon, a rise of 3c. This advance was made by prominent producers and was clear evidence of the market strength prevailing for some time past.

Molasses.—Price stability in blackstrap for distillation purposes was reported, tanks f.o.b. North Atlantic ports ruling at 4½c. per gallon, and tanks, f.o.b. New Orleans being quoted at 3¼c.

Quicksilver.—Agents for the European producers announced a $6 rise in price last week, establishing the market at $72 per flask, New York, in bond. This was equal to $91.50 per flask duty paid. Domestic metal went to $90 per flask. The world price set abroad was $78 per flask, thus giving the United States a price advantage of $6 per flask. Europe was a buyer in the domestic market last week, more than 1,000 flasks having been sold for shipment from California just prior to the price advance abroad. The market was exceptionally firm in all its aspects.

SAN FRANCISCO, June 6.—Fair interest in the quicksilver market was noted with some large inquiries being reported. Taken as a whole, the trade has been very light with the reported price of $84 to $85 per flask in the New York market. The last named San Francisco price for the metal was in the neighborhood of $82 to $83 per flask.

Quinine. — Although new developments were missing, the market was active along lines normal at this time of the year and the outlook was good for business throughout the sections of largest consumption in this country.

Rochelle Salt. — Seasonal movement was very good. Consumption gave added firmness to the market strength that mere cost of production has maintained for some time. Undertones were very firm.

Santonin. — Sales to manufacturers have tapered off considerably but values were none the less firm. In fact, there was an absence of that sort of competition likely to move values in favor of buyers.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	19⅛
Monday	31½	42¾	20
Tuesday	31½	42¾	20
Wednesday	31½	42¾	19⅛
Thursday	31½	42¾	19⅛
Friday	31½	42¾	19⅞

Strychnine.—Consumption in agricultural areas was rather uncertain in view of the various crop control schemes which seek to eliminate surplus in the production of agricultural products. However, there was reason to believe that some very good business would be done in certain states.

George T. Brian, jr., credit manager for the Noxzema Chemical Company, Baltimore, has been elected president of the Credit Fraternity of Baltimore.

'Bromo Seltzer' Suits To Be Tried in N.Y.

—Continued from page 5

solidation of multiple seizures and their trial in a jurisdiction of reasonable proximity to the claimant's principle place of business. He declared:—

We think that the record of the committee reports and debates in the senate, preceding its enactment, and the bill's language disclose that it was the intention of the Congress that a claimant might not obtain a removal of the case for trial to the district of its principal place of business. The act affords the claimant the right to obtain a trial in any other district of reasonable proximity to its principal place of business unless good cause to the contrary is shown. However, claimant here has not requested any district other than that of its principal place of business and, in the absence of such request, the court, while granting the motion to consolidate, must deny the motion for removal, thereby effectuating a consolidation in this district which is reasonably proximate to claimant's principal place of business and wherein it saw fit to make this motion.

The consolidated case involves eight libel actions brought against various lots of "Bromo Seltzer" in Federal courts for the Southern District of New York, Northern District of Georgia, Eastern District of Tennessee, and Middle District of North Carolina.

Drug Law Deferment Compromise Reached

—Continued from page 5

informal conversations among various members of the conference committee.

The committee has been deadlocked for some weeks over this amendment, added by the senate, to give a manufacturer an absolute right to an exemption from the labeling provision until June 30, 1940, upon filing an affidavit that compliance by January 1, 1940, would be burdensome and that the public interest would not be injured by this exemption. It is understood that the compromise language which most of the conferees have agreed to accept retains the purport of the senate amendment but modifies its methods of operation somewhat by directing the Secretary of Agriculture to make regulations under which manufacturers can obtain exemptions after January 1 upon showing that they still have substantial supplies of labels prepared under the old law.

Leigh Cosmetics, Inc., this city, has elected the following officers:—President, Jordan W. Lambert; vice-president, William H. Hardy; secretary-treasurer, Anna Brophy.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
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NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
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POWDERED-GRANULAR
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NATIONAL MILK SUGAR COMPANY
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ALL GRADES
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Write us for details
APEX CHEMICAL CO., Inc.
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THREE ELEPHANT
BORAX AND BORIC ACID
Purity Guaranteed Over 99.5%
The AMERICAN POTASH & CHEMICAL CORPORATION
TRONA
70 Pine Street New York
Stocks carried in principal cities in the United States and Canada
TRONA
MURIATE OF POTASH
A 95-98% Agricultural Grade
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Producers' Guide to New Markets Technical Information for Processors

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Six-hundred-forty-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

4-(Alphahydroxynaphthoyl)-4′-(paranitrobenzoylacetyl) Dichlorobenzidide

Photographic

Starting point (Brit. 490517) in making—
- Dyes used in black and white silver halide emulsion pictures (pictures are claimed to have particularly fine grain and to be suitable for enlargement)

Ammonium Diorthoanisylphosphate

Pharmaceutical

Claimed (Brit. 490991) as—
- New medicinal

Ammonium Fluoride

(Ammonfluorid, Ammonium Monofluoride, Fluorammoniak, Fluorammonium, Fluorure Ammoniaque, Fluorure d'Ammonium, Fluoruro Ammonico, Fluoruro di Ammonio, Fluoruro de Amonio)

Adhesives

Antiseptic (U.S. 1167454) in—
- Casein glues

Agriculture

Improver for—
- Sandy soils

Analysis

Reagent in—
- Analytical processes involving control and research in science and industry

Brewing

Antiseptic
Inhibitor of—
- Cloudiness in beer
- Secondary fermentation in beer

Sterilizer for—
- Apparatus
- Beer-testing devices
- Containers
- Equipment

Chemical

Catalyst (U.S. 1389191) in—
- Titanium oxide crystallization

Process material (U.S. 1479874) in making—
- Alphahydroxy acids

Reactant in—
- Chemical manufacture

Starting point in making—
- Aluminum fluoride (U.S. 1300110)
- Ammonia (U.S. 1426890 and 1428891)
- Ammonium bifluoride (U.S. 1426890 and 1428891)
- Ammonium chloride (U.S. 1475155, 1475156, 1475157, and 1475158)
- Ammonium nitrate (U.S. 1511561)
- Ammonium phosphate (U.S. 1251742)
- Artificial cryolite (U.S. 1475155, 1475156, 1475157, 1475158 and 1511561)
- Fluosilicates (U.S. 1899607 and 1911004)
- Hydrochloric acid (U.S. 1475155, 1475156, 1475157, and 1475158)
- Other fluoride salts
- Potassium fluoride (U.S. 1300110)
- Sodium fluoride (U.S. 1511561)
- Various fluorides (U.S. 1911004)

Dairying

Antiseptic
Sterilizer for—
- Apparatus and equipment

Fertilizer

Ingredient (U.S. 1251742) of—
- Fertilizer mixture

Food

Sterilizer for—
- Apparatus
- Containers
- Equipment

Glass

Etching agent
Ingredient of—
- Etching pastes (U.S. 1266713 and 1470772)
- Frosting agent for electric lamp bulbs (U.S. 1997375)

Insecticide

Ingredient (U.S. 1494085) of—
- Moth repellent

Metallurgical

Decomposing agent for—
- Beryllium minerals in extracting beryllium from its ores (Brit. 457315)
- Silicates in extracting metals from silicates (U.S. 1426890 and 1426891)
- Titanium minerals in extracting titanium from its ores (Brit. 456058)

Oxidation inhibitor (Brit. 403891 and 404518) in—
- Magnesium metal refining

Remover (Brit. 377079) of—
- Oxides and gases from aluminum and aulminum alloys (used in admixture with antimony pentachloride, carbon tetrachloride, manganous chloride, or silicon chloride, alone or variously combined)

Miscellaneous

Antiseptic for various purposes
Disinfectant for various purposes
Ingredient of—
- Cleaning compound (U.S. 1266713)
- Metal cleaner (U.S. 1471466)
- Metal polish (U.S. 1471466)
- Molded articles (U.S. 1511003)

Preservative for—
- Cork (U.S. 1448276)
- Various purposes

Reagent in—
- Fur carrotting

Sterilizer for various purposes

Paper

Antiseptic and preservative (U.S. 1448276)

Spirituous Beverages

Antiseptic
Inhibitor of—
- Secondary fermentations

Sterilizing agent

Textile

Mordant in—
- Dyeing processes
- Printing processes

Preservative (U.S. 1448276) for—
- Textile products

Wine

Antiseptic
Sterilizer for—
- Apparatus and containers

Inhibitor of—
- Cloudiness
- Secondary fermentation

Wood

Preservative (U.S. 1448276)

6-Brom-2:3-hydroxynaphthoic Acid

Chemical

Reactant in—
- Organic syntheses

Starting point (Brit. 443583, 445857 and 466358) in making derivatives with—
- Anthranilic acid amide
- 2-Amino-4-methoxybenzamide
- 4-Methyl-2-aminobenzamide

4-Chlor-1:3-phenylene Diisosulphocyanide

Insecticide

Claimed (Brit. 471154) as—
- Insecticide

Coumarin-3-carboxyldimethylamide

Pharmaceutical

Claimed (Brit. 489952) as—
- Valuable sedative

Diaminophthalazins

Chemical

In organic syntheses

Resins

Starting point (Brit. 490687, 490688, and 490689) in making—
- Synthetic resins with aliphatic aldehydes
- Synthetic resins resistant to heat and water and suitable for use in making utensils for domestic, sanitary, and similar uses
- Synthetic resins useful as electrical insulating material in making switches, fuse boxes, lamp pedestals, and the like
- Synthetic resins useful as surfacing material for phonograph records

Hydroxymethylanethol

Lubricant

Antioxidant for—
- Motor lubricants

Iminodiethylenethiophenyl Ether Hydrochloride

Insecticide

Suggested for use as—
- Insecticide

Isopropyl Tartrate

Chemical

Reactant in—
- Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
- Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Mono(alphabetahydroxypropyl)amylamine

Dye

Wetting agent (Brit. 490567) in—
- Strong alkaline solutions

Laundering

Wetting agent (Brit. 490567) in—
- Strong alkaline solutions

Miscellaneous

Wetting agent (Brit. 490567) in—
- Strong alkaline solutions

Paper

Wetting agent (Brit. 490567) in—
- Strong alkaline solutions

Textile

Wetting agent (Brit. 490567) in—
- Mercerizing baths
- Scouring compositions
- Strong alkaline solutions
- Washing compositions

Paratoluene Sulphonylchloride

Adhesives

Starting point (Brit. 493513) in making—
- Adhesive compositions by action on starch and subsequent treatment with an aliphatic primary or secondary amine

Chemical

Reactant in—
- Organic syntheses

Starting point (Brit. 493513) in making—
- Protective colloids by action on starch and subsequent treatment with an aliphatic primary or secondary amine

Textile

Starting point (Brit. 493513) in making—
- Textile finishes by action on starch and subsequent treatment with an aliphatic primary or secondary amine

Piperine

(Piperic Acid Piperidide, Piperin, Piperina, Piperinia, Piperinum, Piperylpiperidine)

Chemical

Starting point in making—
- Piperic acid
- Piperidine
- Various derivatives

Food

Flavoring and fortifier in—
- Condiments

Pharmaceutical

Claimed to have properties as—
- Antipyretic
- Antiperiodic
- Stomachic

In compounding and dispensing practice
Said to be useful in treating—
- Cholera
- Colic
- Diarrhea
- Dyspepsia
- Feeble digestion
- Fevers
- Leucemia
- Scarletina
- Splenic tumors

Spirituous Beverages

Pungency imparter in—
- Brandies and other spirits

Resorcinol Monomethylether Diethylcarbamate

Pharmaceutical

Claimed (Brit. 493465) to have properties as—
- Vermicide for animals

Sodium Isoamylethylbarbiturate

(Amythal)

Pharmaceutical

Suggested for use as nonvolatile anesthetic

Sodium-N-stearyl-N′-1-hydroxy-2-naphthoylparaphenylenediamine Sulphonate

Photographic

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Blackstrap Train Plan Suspended by I.C.C.

OPD Washington Bureau
June 6, 1939

The Interstate Commerce Commission today suspended for seven months proposed trainload rail freight rates on blackstrap molasses from New Orleans to Peoria and Pekin, Ill. The proposed rates were designed to divert traffic from Mississippi river barges.

The tariff was filed by the Illinois Central and Missouri Pacific railroads and proposed a rate of 14 cents per 100 pounds with a minimum of 1,800 tons, or forty tankcar loads. The railroads declared that this rate would permit competition with the barge costs, would earn the roads a fair return, and would not discriminate against other localities or against smaller shippers since the only considerable movement of blackstrap in that region is in tankship lots from New Orleans to the Illinois alcohol-refining centers. The roads also declared that the blackstrap now moves in privately-owned barges, and that the shippers will use the rails if the proposed rate becomes effective.

Hearings on the proposal will be scheduled later. The case is attracting considerable attention in transportation circles because it is the first time in many years that trainload commodity rates have been proposed, and if the rates win the approval of the Interstate Commerce Commission, it may be the beginning of a campaign by the railroads to recover much traffic lost to water carriers.

Christensen Gets Doctorate

Henry C. Christensen, Chicago, secretary of the National Association of Boards of Pharmacy, received the honorary degree of doctor of pharmacy at the forty-sixth commencement of the Rutgers University College of Pharmacy, Newark, N. J., June 7. In conferring the degree Dr. Robert C. Clothier, president of the university, cited Dr. Christensen's many contributions to the profession of pharmacy, particularly his development and supervision of the system of reciprocal registration now in practice, which permits a pharmacist registered in one State to obtain his license in another State without re-examination.

Johnson & Johnson Promotes Daiell, Hofmann, Brandhorst

Dr. H. L. Daiell, for the last four years director of the Ortho-gynol division of Johnson & Johnson, surgical supplies, New Brunswick, N. J., has been appointed director of clinical research. Dr. Daiell has been connected with the research and professional contact work for many years. He will continue to be closely connected with Ortho-gynol in his new work. Dr. Daiell sails for Europe June 13 for an extended study and survey of clinical research.

Philip B. Hofmann succeeds Dr. Daiell as director of the Ortho-gynol division. Mr. Hofmann started his Johnson & Johnson career in the New Brunswick plant and has successfully filled the positions of junior salesman, salesman, and manager of the Northeastern division.

Harry Brandhorst, a member of the Johnson & Johnson organization for the last five years as salesman in the Albany territory, succeeds Mr. Hofmann as manager of the Northeastern division.

N.Y. Hypnotic Bill Signed

Albany, June 8, 1939

Governor Lehman has approved the Stuart bill as chapter 778 of the laws of 1939, adding a new section 1360-a to the education law to prohibit the sale of hypnotic and somnifacient drugs except on prescription and to require all containers to have label securely attached by manufacturer or jobber. Physicians, dentists, or veterinarians may dispense such drugs to patients under their immediate supervision.

Phillips Chemical Plant Fire Causes $25,000 Damage

Stamford, Conn., June 6, 1939

Fire of undetermined origin swept through the basement of the Phillips Chemical Company plant in Glen Brook today, doing damage estimated at $25,000. Starting among baled cardboard containers, the blaze spread with such rapidity that six fire companies were called. Three plant employees and eight firemen were overcome by smoke and required hospital treatment.

Cuba Imposes 1-Cent Tax On Each Imported Package

OPD Washington Bureau
June 7, 1939

Cuba has established, effective since May 24, a tax of 1 cent on each package or unit of merchandise imported into the country, to be paid simultaneously with the customs duties, according to a report received by the Department of Commerce from the office of the Commercial Attache at Havana. The measure creating this tax had previously been vetoed by the president, but was passed by the congress over the president's veto.

On most products the unit for application of the tax will be that on which stevedores fees are collected for handling merchandise in Cuban customhouses; on parcel post packages the tax will be collected per package, regardless of weight.

Heyden Chemical Golf Crown Won by Garfield Plant

Thirty-one golfers from the Heyden Chemical Corporation, this city, played in the annual tournament of the company, held at the Metuchen Golf Club, Metuchen, N. J., June 3. Low net of 87 was scored by Dr. T. Aalto of the Garfield research laboratories. The Garfield plant won the handsome trophy donated by the company and will retain it for one year. The tournament was followed by an appropriate luncheon at which the prizes were awarded.

Zemmer Company, pharmaceutical manufacturer, Pittsburgh, stockholders, at a special meeting May 25, made some changes in the corporate by-laws and elected the following officers:—President, H. B. Johnson; executive vice-president, E. C. Berg; vice-president and director of sales, W. M. Addenbrook; vice-president and sales manager, C. N. Lennox; secretary-treasurer, K. P. McNulty.

Whiting Freight Rates To Be Aired June 13

Chicago, June 6, 1939

Representatives of Official Classification (Eastern) lines, have scheduled for discussion with interested shippers in the Hotel Statler, Buffalo, N. Y., June 13, at 10:00 a.m., the question of rates and charges for transportation of both chalk and limestone whitings.

Chalk whiting, in carloads of a minimum weight of 40,000 pounds, is rated sixth class in the Official Classification, according to E. A. Leveille, chairman of the traffic committee of the National Paint, Varnish and Lacquer Association, but, by virtue of exceptions, class 25 (equivalent to 25 percent of first class) rates are authorized for movement in Eastern territory.

Limestone whiting, on the other hand, moves at commodity rates very much lower than the class 25 rates authorized in the exceptions, and the Interstate Commerce Commission in No. 27921, Southwark Manufacturing Company versus Pennsylvania Railroad, concluded that this finely ground product, limestone whiting, has transportation characteristics similar to chalk whiting, and is in direct competition with the latter commodity in most of its uses. The two commodities, the commission decided, should be upon a rate parity, and that a reasonable level of maximum rates for the transportation of limestone whiting, or whiting substitute, and chalk whiting in official territory, would be 20 percent of the corresponding first class rate.

This represents a reduction of 5 points to Class 20 for the chalk whiting, explained Mr. Leveille, but on the other hand he considers the increases on limestone whiting from the commodity rates currently available to class 20 rates drastic. Producers of limestone whiting, he added, are apprehensive lest they suffer losses of business to other and cheaper forms of mineral pigments. The carriers, on the other hand, are apprehensive, Mr. Leveille said, lest they suffer losses in tonnage.

Botanical Drugs, Spices, and Gums

Annual Inventory Getting Underway—Volume Expected to Make Satisfactory Showing — Medicinal Botanicals Very Steady Insecticides Move Well—N.F. Golden Seal Reported Scarce

The botanical market was fairly quiet last week. Typical of this season of the year, manufacturing consumers came to the spot usually for special items, the need for which was pressing. As a result, volume was conservative and there was some reason to look for only moderate trading during the weeks immediately ahead.

The slower flow of business came at a time when prominent dealers were either planning to take the annual inventory or actually were engaged in that undertaking. Experience has shown that a fiscal year ending June 30 permits dealers to make the best showing in annual statements. Stocks then are usually the lowest and major increases of supply are still some months away.

It was said last week that in all probability annual statements will reveal a fairly satisfactory position. Business during the year under review was spotty at times but when the heavy selling during the past two months or so is considered, volume at least was expected to make a good showing. The business was done under sharp competition, however, and hence the matter of net profits is uncertain at this time.

Prices for medicinal drugs were distinctly steady last week. Values were well held at all times regardless of the fact that lack of sustained demand might have been expected to find reflection in the price structure. Undertones remained steady, however.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	872
Belladonna	...	220
Caraway	1,839	16,614
Cardamom (cases)	32	896
Celery	...	1,588
Cumin	100	1,592
Digitalis leaves (cases)	...	...
Dill	...	257
Fennel	300	799
Henbane leaves (bales)	...	126
Mustard	...	11,353
Poppy	...	17,976
Sage leaves (bales)	...	1,177
Sesame	930	12,966
Stramonium (bales)	195	316
Thyme (bales)	...	650

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe gum, Curacao, 1c. per lb.
Asafetida gum, powdered, 3c. per lb.
Fennel seed, Indian, 1½c. per lb.
Ginger root, African, ⅝c. per lb.
Mustard seed, English yellow, ⅜c. per lb.
Dutch yellow, ¼c. per lb.
Mace, Banda, 2½c. per lb.
Siauw, 5c. per lb.
Nutmegs, 110's, ¼c. per lb.
Pepper, black, Alleppy, ½c. per lb.
white, Java Muntok, ½c. per lb.
Pimento, 1c. per lb.
Rape seed, Dutch, red, ½c. per lb.

Reduced

Canary seed, Morocco, ⅛c. per lb.
Cardamom, decorticated, 2c. per lb.
green, 1c. per lb.
Celery seed, French, ½c. per lb.
India, ¼c. per lb.
Coriander seed, ½c. per lb.
Fenugreek seed, ⅛c. per lb.
Larkspur seed, 1c. per lb.
Poppy seed, Dutch, ¼c. per lb.
Polish, ¼c. per lb.
Pepper, red, chillies, Japanese Hontakas, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
123.2	123.2	122.9	122.0

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Jobbing business made the bulk of transactions last week and, while the total was conservative in size, it was enough to hold prices well stabilized. Competition was negligible because prices were already on the low side.

Fir.—More inquiry was noted and by the close of the past week values seemed to be considerably firmer than they had been. However, no quotable change in prices was made.

Barks

Angostura.—A fair business was done, volume rising sufficiently to contribute added steadiness to prevailing prices. Stocks were not excessive in size.

Buckthorn.—Values were very steady. Whole bark had a fair but not expanded call. Cut and sifted merchandise was on the firm side because of the prevailing cost to import further quantities from central Europe.

Cascara Sagrada.—Large buying still awaited further unfolding of values on new crop bark. Opening prices were fairly attractive and if pre-peeling season reports prove correct, chances for future price developments seemed more to favor possible advances than any lowering of quotations. The carryover of 1938 peel was said to be comparatively small.

Cinchona.—South American bark was firm to strong with recent advances in quotations being maintained with no difficulty at all. Pharmaceutical bark from the Far East, on the other hand, remained slightly on the easy side with the decline reported during the previous week not having been extended.

Wahoo.—Deliveries into the collection centers thus far this season have not been sufficient materially to weaken prices to the consuming trade. In fact, the market was held to be generally steady last week.

Beans

Calabar.—The market was nominal in the absence of activity. However, open quotations held very steady.

Vanilla.—The market was strong as to prices but not overly active as to demand. A period of quiet, not unusual at this season of the year, has come over the market and some believe that the early Summer months may be only moderately active. Everything at this time points to a probably firm market because of the fact that stocks throughout the world are moderate in size and new crop Bourbons will not reach the world markets for a number of months.

Berries

Cubeb.—Replacement costs seemed to be slightly firmer on spot and the market as a whole was well maintained so far as spot prices were concerned. Demand was about normal for the current time of the year.

Raspberries.—Prices failed to advance further, but they were exceptionally well maintained and given larger demand would likely undergo further rise.

Flowers

Arnica.—The outlook appeared to favor fair maintainence of current quotations; no weakness in foreign markets has developed thus far notwithstanding the fact that preparation of the new crop is underway. Prices were well maintained locally.

Chamomile.—Some reports indicated that the new crop in Hungary was behind normal progress and hence first shipments are likely to be delayed. Last week there was some talk of possibly higher spot prices should demand press actively between now and when new production becoming available.

Mullein.—Sales have been very fair, general market conditions being considered. Prices were found to be fully firm on spot last week and no tendency toward concessions was reported.

Pyrethrum.—Strength of market undertones was in evidence. Concentrates tended upward for the reason that poor yield of pyrethins from current raw material stocks requires the use of far more than normal quantities to produce a gallon of concentrate. Much higher prices appeared to await subsidence of the at present rather keen competition between sellers.

Importations of flowers by countries of origin in April were as follows:—

	Pounds.
Italy	4,565
Yugoslavia	66,249
Japan	327,040
British East Africa	393,600
Total	791,454

Saffron.—Spanish flowers were generally on the steady side although actual demand was not especially active. Absence of exceptional stocks plus the prevailing prices abroad combined to keep spot quotations well maintained at all times.

Gums

Arabic.—Prices were reported to be generally very firm. Were the consuming market more active, higher quotations would probably have been attained some time back. As it has been, the tendency has been upward. Some reports from the source have suggested a smaller stock than normal. Such reports indicate that arrivals of new crop to April 30 amounted to 9,850 tons, compared with 15,500 tons to the corresponding date last year. At least, the situation was being watched closely last week.

Aloe.—The market on Curacao gum was generally one of strength based on a not exceptional production at the source and the probabilty of there being substantial requirements to be filled by manufacturing consumers in this country. Prices were up to 43c. per pound.

Asafetida.—Powder was raised to 40c. to 45c. per pound and the tendency was to make 45c. minimum.

Benzoin.—Trading was light to irregular in Sumatra gum but values appeared to be fairly steady in the absence of competition worthy of the name. Stocks were moderate, yet equal to the present requirements.

Camphor.—Fair request was commonly reported on spot and prices appeared to be generally steady. Spring trade in tablets was very good on the whole and the home makers of synthetic were able to enjoy rather more of it than a year ago.

Karaya.—Fairish interest was shown in this item but the sales were not exceptional in size and were made along rather routine lines throughout the past week. Prices were generally steady. Stocks were ample.

Herbs and Leaves

Belladonna.—Values were on the firm side since there were not exceptional offerings from abroad and prices there were apparently well maintained. Local

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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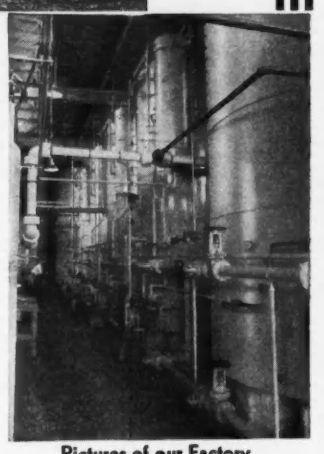

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quotations were well maintained in anticipation of an active movement into consumption later on.

Digitalis.—It remains to be seen whether or not foreign shippers can so prepare the new crop as to have it passed on arrival in this country. Foreign shipments to this country dropped last year and much of the home requirement was filled by material grown in this country.

Horehound. — The market turned steadier following the drop in the previous trading period. It was not felt that new crop would be marketed at much lower prices than those now prevailing in the primary market.

Marjoram.—Quotations were strongly maintained though they were not maintained unchanged by reason of the current volume of request. Absence of normal reserves has contributed considerably to the present situation. When a normal balance is returned to stocks, values may change in favor of buyers.

Miscellaneous

Colocynth.—Pulp has become steadier. Not so long ago considerable unsettlement of values was evidence of the fairly keen competition between suppliers but to some extent that situation has been altered in seller's favor.

Ergot.—Foreign market prices were firmly maintained as also were those on the spot. It was apparent that sales from Spain were likely to be influenced by the close association between the new government and those controlling export trade in this material. A controlled price seemed likely.

Lycopodium.—In the absence of plentiful offerings from abroad, the spot position of this article retained substantial strength notwithstanding the but moderate demand reaching local dealers. Stocks were generally below par on spot.

Nux Vomica.—Consumption was running comparatively high. This is one of the best seasons for the makers of strychnine for agricultural use. Prices were fully firm.

St. John's Bread.—Edible material moved in normal quantities. The call for inedible was not especially active but prices were maintained. Not too much activity in the textile industry kept the gum quiet though prices remained steady.

Roots

Cube.—April importations totaled 283,977 pounds; 55,115 pounds came from Brazil and 228,862 pounds arrived from Peru. The market was active along seasonal lines but it was understood that competition between suppliers was keen.

Derris.—British Malaya exported 107,774 pounds to this country in April, and 22,223 pounds came from the Netherlands Indies—a total import of 129,997 pounds. Competition for business in this market was very keen for the seasonal volume of demand current during the past week.

Gentian.—The spot market tended to become firmer and some sellers were reported asking higher quotations. April importations amounted to 64,881 pounds, all coming from France.

Ipecac.—Although no lower in price, this article was still under the influence of the competition recently productive of a decline in values. April importations totaled 1,054 pounds, all from Nicaragua.

Rhubarb.—The market held firm on the basis of the lack of normal replacement offerings from China. Importations during the month totaled 4,892 pounds from China.

Seeds

Canary.—Morocco seed was shaded to 4¼c. to 4½c. per pound, Turkish and Argentine seed lacked change.

Cardamom. — Decorticated material was lower at 73c. to 75c. per pound; green, also lower at 50c. to 52c. Bleached seed held unchanged. Replacement costs were reduced in cables received.

Celery.—Quotations in France were lower and spot values receded to the basis of 14½c. to 15c. per pound. India seed was sympathetically lower at 12¼c. to 12¾c.

Coriander.—Competition was more active on the spot and local quotations ended the week lower on the basis of 4c. to 4½c. per pound under light demand.

Fenugreek. — New crop was offered at lower prices and some local holders of prompt delivery merchandise shaded values to the basis of 3¾c. to 4¼c. per pound.

Larkspur.—Quotations were subject to considerable competition last week and the market eased to the basis of 33c. to 34c. per pound.

Mustard.—Yellow seed in all markets was scarce. Spot quotations on English yellow advanced to 9⅝c. to 10c. per pound; Dutch yellow, 8¼c. to 8½c. Brown seed was steady.

Spices

Ginger.—African root strengthened materially last week and quotations were advanced on spot to the basis of 4½c. to 4¾c. per pound. Other varieties of this root were unchanged.

Mace.—Banda was sharply higher at 53½c. to 54½c. per pound; Siauw, also higher at 43c. to 44c.; Batavia, firmer, but unchanged.

Nutmegs.—The 110's was a fraction higher at 17¼c. to 17¾c. per pound. Other qualities and sizes held steady with undertones being slightly firmer.

Pepper.—Black Alleppy was advanced to 7½c. to 8c. per pound. Lampong continued easy, but lacked further fluctuation in spot prices. White Java Muntok pepper was raised to 7⅛c. to 7½c. per pound and the red Japanese Hontaka chillies were off a small fraction to 17½c. to 18c.

Trading in black pepper futures on the New York Produce Exchange from June 3 to June 9, inclusive, comprised 120 contracts, a total of 4,032,000 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	3.47	3.47	3.35@3.40
March	3.53	3.40	3.45@3.47
May	3.67	3.49	3.55@3.57
July	3.18	3.08	3.11 sale
September	3.30	3.27	3.22@3.24
December	3.40	3.26	3.32@3.35

Pimento.—The market strengthened following a rise in business when values declined in the previous week. Quotations closed last week at 14½c. to 15c. per pound and were distinctly firmer.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Essential Oils, Aromatic Chemicals

Bourbon Geranium Lower for Shipment—Italy Raises Lemon —Eucalyptus Rise Extended—Peppermint Up, Spot and Country—Wormseed Rises—General Demand Moderate

Price developments were almost entirely on the side of advances in the market for essential oils and aromatic chemicals last week. Notwithstanding the but moderate gain in general trade, numerous materials showed advances in primary markets and in most instances local quotations rose in sympathy. Seasonal oils came in for a very good movement and contributed to the fair degree of general market stability.

Italy advanced shipment prices on lemon oil substantially and the spot was much firmer as that fact joined with broader demand from the beverage industry. Orange also moved more actively but quotations failed to change. Lime did better as to demand.

Since drought cut the Australian eucalyptus crop, prices have been upward in trend. The rise was extended in cables last week and spot quotations followed the upward movement. Eucalyptol strengthened, reflecting the raw material situation.

Peppermint and wormseed oils were outstanding among the domestic products. Both were higher at the source and on spot. Primary market sellers showed considerable reserve, viewing a conservative carryover as a stimulative to the market at this time. Bourbon geranium oil in a more distant shipment position was slightly lower but spot quotations, though easier, held unchanged.

A visitor from Sweden who is expected to arrive in the United States in the near future is interested in obtaining lines of perfumes and cosmetics. Further details regarding this visitor are available at the Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington, to accredited American firms. Please rerer to Foreign Visitor No. 708.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Eucalyptus, 1c. per lb.
Eucalyptol, 1c. per lb.
Lemon, Italian, shipment, 22c. per lb.
Peppermint, natural, 5c. per lb.
redistilled, 5c. per lb.
Wormseed, 5c. per lb.

Reduced

Geranium, Bourbon, shipment, 2 Fr. per kilo.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.6	68.3	68.2	70.2

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amyris.—Lack of a general distribution of stocks tended to make this article nominal and firm with the few sellers actually holding prompt delivery stocks. Consumption was very small.

Angelica.—Inquiries gained slightly in two quarters and for the most part the improvement gave added firmness to prevailing prices.

Anise.—It was still a buyers' market without prices having been openly changed from the recent level of 67c. to 68c. per pound. The small demand, plus very good stocks, combined to keep quotations unsettled.

Apricot.—A market of exceptionally steady undertones was the rule, backed by the steady movement of moderate quantities into consuming channels. The firmness here reflected the situation in the primary market.

Bergamot. — Moderate interest was shown in this article. Prices were steady to firm in all quarters and because of the well-controlled situation in Italy they were expected to remain well stabilized.

Cajeput.—Business was strictly jobbing in variety and the total done was not very large. However, in view of the replacement position of the material, quotations were reported to be generally steady.

Cananga.—A hand-to-mouth business last week proved sufficient to keep market undertones very steady and to eliminate any tendency toward shading of prices under competition. Stocks were fair in size and well distributed.

Caraway.—Cables reported a slightly firmer market abroad and on spot values were better maintained then they had been notwithstanding the absence of more than an irregular request for prompt deliveries.

Cassia.—The market was steady. Sufficient demand prevailed to check price shading tendencies and on the whole the undertone on spot tended to be somewhat firmer than it had been. Replacement cost was well maintained.

Cedarleaf. — Interest in this article continued excellent along seasonal lines. While quantities taken were not exceptionally large, the number of sales were numerous enough to build a very good total volume of trade by the close of the week.

Cedarwood.—Here was an item in which seasonal interest continued to hold at fairly high levels and which proved to be soundly firm in all aspects at the close of last week.

Citronella. — Business was ordinary and strictly routine, with Java oil being so much cheaper than Ceylon material as to give the former material a substantial advantage throughout a period in which demand was moderate at the best.

Clove.—Jobbing business was better. Calls came in more numerously, and with greater regularity. Prices were fairly firm throughout the period and competition was less apparent.

Eucalyptus.—The cut in output that resulted from the Australian drought continued to affect prices, spot and shipment. Quotations were advanced locally to the basis of 39c. to 41c. per pound in drums and to 41c. to 43c. in cans.

Geranium.—Bourbon oil for shipment was about 2 francs cheaper, but the price was for a shipment position so far ahead as not promptly to be reflected in spot quotations. The latter, however, had been unsettled of late. Algerian and Turkish oils lacked development.

Juniper Tar.—Stocks were moderate but apparently sufficient to meet the currently moderate consumer request. Change in the general situation must await on new production in Spain.

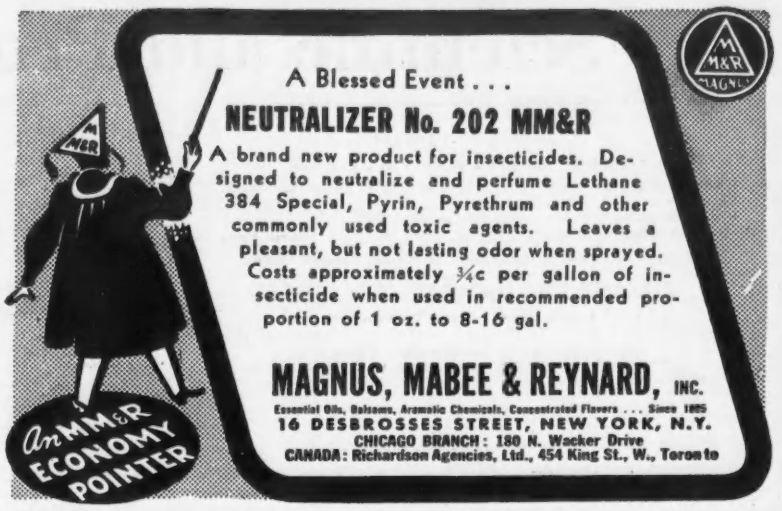
Lemon.—Shipment quotations cabled from Italy were 22c. to 23c. per pound higher at midweek, strengthening the market on all brands and giving a stronger undertone to the market generally. It would cost fully $2.75 minimum to import oil based on the advanced prices. California oil lacked change but was firmer and distinctly sympathetic to whatever further developments may come in the Italian article.

Lime.—The recent advance in shipment quotations has been maintained well, lending strength to the spot situation. Also, consumer interest has broadened some with the arrival of fairly seasonal weather of a sort calculated to boost sales of lime beverages.

Orange.—Seasonal weather has raised beverage consumption considerably and the call for this oil has broadened moderately without the price structure being affected.

Peppermint.—Prices in the country advanced 5c. per pound and values were in an exceptionally firm position that seemed to be based on the absence of an excessive carryover at this time. Spot quotations were up slightly to the basis of $2.20 to $2.45 per pound for

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7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natural, and $2.45 to $2.70 for redistilled oil.

Wormseed.—Country prices were advanced 5c. per pound and spot quotations rose to a much firmer position at $2.10 to $2.20 per pound. Some reports had it that the cultivated area in Maryland might be smaller this year.

Aromatic Chemicals

Acetophenone.—The quality used in the aromatics industry was firmly held in price under the influence of a steady call from manufacturing consumers.

Amyl Phenylacetate.—Request was irregular most of the time last week without resulting in any weakening of prices for spot goods. Reserves were not exceptional in size but were fully sufficient to cover probable requirements.

Amyl Salicylate.—Business was quiet. Buyers bought little more than their prompt requirements and there was not too much of that sort of trade during the period under review. Prices remained generally steady.

Anethol.—Values continued to be well stabilized notwithstanding the fact that raw material had displayed a weaker undertone of late. The supporting factor was the very fair consuming request.

Benzaldehyde.—More than the ordinary request was current for this material last week and volume bulked satisfactorily by the close of the past week. Prices were distinctly firm.

Benzyl Compounds.—Business was routine but well stabilized prices were reported and the outlook was said to be favorable so far as maintenance of prevailing schedules was concerned.

Diphenyl Oxide.—Demand supported prices very well although most of the call came in the form of business going to resellers of the item. Producers reported routine trade with values being fully steady.

Ethyl Cinnamate.—Inquiries were a slight improvement over the volume current recently. Sales were also said to have gained moderately with the result that undertones were generally steady.

Ethyl Vanillin.—Trade was under seasonal influences and was reported improving moderately but also steadily. Prices were low and favorable.

Eucalyptol.—The raw material continued to advance in price and the position of this derived material strengthened substantially with quotations prevailing at 57c. to 59c. per pound under fairly active demand.

Hydroxycitronellal.—This basis for lilac and lilly products was in steady request at firm and well maintained prices that gave much promise of stability for the immediate future, according to leading suppliers.

Isobornyl Acetate.—The pine needle note of this aromatic continued to find favor with a substantial number of manufacturing consumers whose takings last week, however, were usually confined to comparatively small quantities that covered prompt needs.

Menthyl Salicylate.—The season for gaining demand covering products utilizing this article as a sunburn preventive was at hand and the trade looked forward to a period of excellent business. Manufacturers have covered their needs very well.

Musk.—Market conditions were little changed. Supplies were ample and prices were low and attractive to manufacturing consumers. Consumption was said to involve routine quantities of all three varieties.

Vanillin.—Seasonal business should gain substantially in the week ahead and an enlarged consumption may result from the fact that vanilla beans have advanced to comparatively high prices and are not too well stocked in the world markets. Prices were low and stocks were ample.

Tom Farrell Is Recuperating

Tom Farrell, editor and publisher of *Drug and Cosmetic Industry*, this city, is in the last lap of a gratifying recovery from a separation from his vermiform appendix several weeks ago. He got home from the hospital last week and is feeling tiptop, he says. His address is 1075 Park avenue, this city; his telephone, ATwater 9-3957.

Petroleum Solvents, Lubricants, Fuels

Gasoline Strong in All Sections—Several Advances Made—Crude Reduced in Illinois—Seven States Lower Crude Output Allowables —Gulf Bunker Fuel Advanced—Kerosene, Light Oils Reduced

With wholesale gasoline prices in the Mid-continent area at the highest level since September of last year, and with the sentiment in petroleum circles weekly showing material improvement, oil prospects for the industry as a whole are still clouded by unsatisfactory crude oil market conditions. A sharp reduction in the posted price of crude in Illinois fields was made by one company last week. Illinois has long been a source of worry to the industry. No restrictive measures have been put into effect in that state and as a result Mid-continent producers of crude have been gradually losing the rich Chicago market. The mid-summer meeting of the Interstate Oil Compact Commission is scheduled for July 19 and one of the major problems to be faced by members will be methods of correcting the Illinois situation.

Texas again took the lead in attempting to bolster the distressing crude oil situation when officials of the state announced that daily allowable output for June has been set at 1,313,022 barrels, 114,078 barrels under the allocation of the Bureau of Mines. Six other prominent producing states followed Texas' lead and as a result, June allowables in the seven states have been fixed, which are in the aggregate 126,414 barrels daily, or 4.1 percent under the crude demand as estimated by the Bureau of Mines. The program indicates that production will be below market requirements and will allow the industry to take some crude out of storage, as it has wanted to do.

While crude producers were attempting to correct unprofitable production, refiners in all sections found gasoline markets exceptionally strong. One company advanced tank wagon prices in the 42 states in which it operates. Other advances were made in Texas, Minnesota, Iowa, Missouri, Kansas, North and South Dakota. Tankcar prices were increased in New York and New England and the Gulf Coast markets. Grade C Bunker fuel was advanced in the Gulf Coast and light fuel oil and kerosene were reduced in New York and New England.

The daily average crude oil production in the United States during the week ended June 3, 3,558,800 barrels, against 3,585,250 in the preceding week, a decline of 26,450, according to the American Petroleum Institute. Production was 160,050 barrels greater than the calculated requirements of 3,425,200 daily by the Bureau of Mines for May. Reports from refining companies owning 85.8 percent of the potential refining capacity of the country indicated that the industry ran to stills 3,415,000 barrels of crude daily in the week, and that all companies had in storage at refineries, bulk terminals, in transit and in pipe lines 83,637,000 barrels of finished and unfinished gasoline. Total production gasoline was estimated at 11,238,000 barrels.

Stocks of domestic and foreign crude petroleum at the close of the week ending May 27 totaled 278,289,000 barrels, according to the Bureau of Mines. Compared with the total of the previous week, this represents an increase of 1,221,000, comprising increases of 1,110,000 and 111,000 barrels in stocks of domestic and foreign crude, respectively. Heavy crude oil stocks in California, not included in the "refinable" crude stocks, totaled 14,604,000 barrels, a gain of 11,000 barrels over stocks on hand May 20.

Outputs and Quotas

A comparison of Bureau of Mines calculations for May productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended June 3, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ...	455,800	428,000	445,150
Kansas	152,600	170,350	156,800
Texas	1,406,100	†1,393,200	1,465,300
Louisiana ...	261,600	263,634	265,500
Arkansas	52,900	54,627	56,350
Illinois	159,700	.....	217,000
Eastern	102,900	.....	96,300
Michigan	50,000	.....	64,150
Wyoming	64,200	.....	55,300
Montana	16,100	.....	14,600
Colorado	5,200	.....	3,800
New Mexico..	115,500	‡117,100	110,550
California ...	582,600	§375,000	608,000
Totals	3,425,200	.....	3,558,800

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of May. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Net daily average basic allowable for the thirty-one (31) day period beginning May 1. Shutdowns are ordered for the first two Saturdays and all Sundays during May, a total of six (6) shutdown days.

‡ Export allowance of 4,000 barrels included.

§ Recommendation of Central Committee of California Oil Producers.

Solvents and Diluents

Orders from paint manufacturers continued steady last week and the market for most materials in this group was in good position. Prices were firm.

Cleaners' Naphtha. — Demand and shipments into consumption were about at the same level as the previous week. No prices were changed.

Petroleum Thinners. — The market held the pick-up in demand noted two weeks ago and the price schedule remained at the level it had held for several months previously.

Rubber Solvent.—The interest of tire manufacturers in offerings lagged a bit last week but the price remained firm.

V. M. & P. Naphthas.—Demand held well and shipments, although mainly for small-sized lots, were steady. Prices were unchanged.

Markets at Other Centers

Chicago, June 8.—The market for petroleum solvents and diluents is disturbed a little by outbreaks of price cutting, but in the main the market structure continues reasonably stable, and the comparatively substantial amount of business being done is one of the factors counting well in this situation. The paint industry takings are reported rather good. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4c. to 4¼c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; v.m. & p. naphtha, 6⅜c. to 6½c., tankcar, 16.5c., tankwagon.

Tulsa, June 8.—Reflecting the strength in the gasoline market, all grades of naphthas are strong. The rubber solvent has been particularly in demand with the v.m. & p., Stoddards and others very firm.

Lighter Fractions

The market for light hydrocarbon gases continued healthy last week although no additional gains in demand were registered. Prices were steady and unchanged.

Hexanes.—Suppliers reported a good interest in offerings and shipments into consuming channels were heavier. The price schedules had shown no change for several months.

Octanes.—Larger buyers became a bit more active in the market and those interested in small amounts of this mixture continued to trade briskly with the result that the undertone became firmer. No prices were changed.

Petrolatums and Waxes

Petrolatum was in a little better demand last week. Mineral oils continued about the same while the stocks of available crude scale wax were rapidly disappearing.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-June 10	1938 Jan. 1-June 10
Commercial crude oil production	557,816,000	537,089,700
	Week ended June 10, 1939	Week ended June 11, 1938
Daily average production	3,552,128	3,096,300
	Week ended June 3, 1939	Week ended May 27, 1939
Estimated motor fuel stock total.....	83,637,000	84,152,000
Estimated finished motor fuel stock total....	77,312,000	77,935,000

White Mineral Oils.—The market for both the domestic and imported material moved in routine fashion last week with all prices remaining steady and unchanged.

Paraffin.—Crude scale wax was practically all sold up in all sections of the country and prices for all grades were nominal. A little better interest was shown in offerings of refined material and prices firmed somewhat.

Chicago, June 8.—The market for refined paraffin wax is fairly steady, with prices firm. Movement of products out on current orders is holding up well, with no special feature noted. Inquiry is said to be good. Ruling prices are:—122-124, 4.25c. to 4.3c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.7c. to 4.75c.; 130-132, 5c. to 5.05c.; 132-134, 5.25c. to 5.3c.

Tulsa, June 8.—This product is still scarce with quotations mostly nominal. The 124-26 grade is quoted at 2.85c. to 3c. with practically no material available even at the higher figure.

Petrolatum.—Prospective buyers became more active in the market and there was better demand for spot delivery. Inquiries for future delivery held about the same. The price was firm.

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The State of the Petroleum Market

Gulf Coast gasoline of all grades was advanced ⅛c. last week and a new average price resulted. The crude reduction in Illinois did not effect this box.

	June 10	June 3	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.147	$1.147	$1.305
Gasoline prices at refineries (at four refining centers) per gallon.....	.049375	.0490625	.048125

Fuels and Lubricants

Gasoline markets were stronger in all sections of the country and price advances were made. Heavy fuel oils continued in good demand and Grade C Bunker fuel was advanced in Gulf Coast markets, but light heating oils and kerosene were reduced throughout New York and New England.

Market Conditions

Gasoline.—The Standard Oil Company of New York advanced tankcar prices 1/10c. per gallon in New England and New York with the exception of western New York. Consumption to date has been excellent and stocks are low. Sinclair Refining Company will advance tankwagon prices on all grades ½c. per gallon on June 14.

Kerosene.—Standard Oil companies of New York and New Jersey reduced tankcar and yard prices ⅛c. per gallon in New York and New England to a new level of 4⅛c. to 4⅝c. per gallon, at Bayonne. Demand was slack and retail price-cutting was reported in the New York area.

Fuel and Gas Oils.—Domestic light heating oil was reduced ⅛c. per gallon by the companies that reduced kerosene. The companies' retail fuel oil price schedule remained unchanged. Grade C Bunker fuel oil, quoted at $1.05 per barrel at New York harbor, presented a firm appearance.

Lubricating Oils.—Pennsylvania lubricants were in a firm position with demand good and prices steady at the previously quoted levels.

Crude Oil Price Changes

The Standard Oil Company of Ohio reduced its posted price for crude in the Illinois field, 10c. per barrel. The new price is $1.05 per barrel for the first thirty barrels produced at the well and 80c. per barrel for subsequent production. The Rock Island Oil Company advanced posted price 3c. per barrel in Carter, Garvin and Stephens counties, Okla. Its top price is now $1.03 per barrel, 7c. under the schedule of major buyers, and identical with North Texas prices. Its bottom price is 53c. for 20 degrees. Stanolind Oil and Gas Company rescinded its price posting for Iles Field, Colo., light crude oil.

Tankwagon Price Changes

Effective June 14, the Sinclair Refining Company will advance prices on all grades of gasoline ½c. per gallon in the 42 States in which the company operates. Magnolia Petroleum Company and the Texas Company advanced prices 1c. per gallon in Texas to 14c. for regular and 16c. for premium. Other producers are expected to meet the advance. The Standard Oil Company of Indiana advanced "sub-normal" prices of all three grades of gasoline to "normal," or to the extent of ½c. per gallon where "sub-normalcy" exceeds ½c. in Minnesota, Iowa, Missouri, except St. Louis, and in Kansas, North and South Dakota.

Markets at Other Centers

Chicago, June 8.—A strong market situation continues to prevail in tankcar gasoline, with the heavy demand season getting well under way. Prices are having no difficulty in holding up around the best levels yet attained. Vacation travel is swelling gallonage totals. Memorial Day business was large and the resultant trade ordering has been spirited. Kerosene remains sluggish, suffering from oversupply and reduced demand. Furnace oil is seasonally dull, with prices not changing greatly. There has been a good volume of heavy fuel oil business from industrial buyers. Lubricating oils are quiet and not very heavily bought.

GASOLINE—Low octane motor, 4¼c. to 4⅜c. per gallon; 63-66 octane motor, 4½c. to 4⅝c.; 67-69 octane motor, 4¾c to 4⅞c.; 70-72 octane, regular, 5c. to 5⅛c.; 60-62, 400 4¼c. to 4⅜c.; 64-66, 375, 4⅛c to 4⅜c.; 68-70 360, 5c. to 5¼c.

KEROSENE—42-44, water white, 3⅞c. to 4⅛c. per gallon; 41-43, water white, 3¾c. to 4c.

FURNACE OILS—Range oil, 3⅝c. to 3¾c. per gallon; No. 1 prime white, 3½c. to 3⅝c.; No. 1 straw, 3⅜c.to 3½c.; No. 2 straw, 3¼c. to 3⅜c.; No. 2 dark, 3⅛c. to 3⅜c.; No. 3 3⅛c. to 3¼c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS—No. 4, $1 to $1.10 per barrel; No. 5, 70c to 80c; No. 6, 60c. to 70c.

New Orleans, June 8.—A slight upward trend was noted in price conditions reflected by the domestic market during the past week. Foreign inquiries and exports remained good. U. S. motor gasoline was quoted at 5⅝c.; U. S. motor below 62 octane at 5⅜c.; 63-67 octane at 5⅞c. and 68-70 octane at 6½c.—all prices being based on a per gallon rate at refinery. This covered a ⅛c. price increase on all grades.

Kerosene continued to be quoted at 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 80c. per barrel at terminal and 85c. delivered alongside, being a 5c. increase in price over quotations of the previous week. Industrial plants continued to be quoted on this commodity at $1.36 per barrel, delivered.

Tulsa, June 8.—Further strengthening of the gasoline price structure appeared this week in the retail markets throughout the mid-west. Reflecting the recent advances of the tankcar market the service station prices were advanced ½c. per gallon in six states where sub-normal prices were in effect.

The larger volume of consumption is permitting the absorption of under-priced crude, and in every important consuming area, there are further attempts to advance quotations additionally. However, in contrast with this situation there have been further recessions in the price of under-posted market crude.

Every department of the refined oil tankcar market appears to be well maintained this week. The higher motor fuel quotations posted last week have been generally adopted and there is a better feeling in the trade. The realization from a barrel of crude has been raised to profitable levels as a result of the recent advances and refiners are more firm in maintaining the quotations of the various products. Shipments during the past week reached a higher level and consumption is the highest ever experienced in the industry for comparable periods.

Following are the approximate quotations for the various products traded in the mid-continent field on the basis of group 3 quotations:—

GASOLINE.—The U. S. motor third grade is strong at 4¼c. to 4½c. per gallon; 63-66 grade (octane) is 4½c. to 4¾c.; 67-69 octane is 4¾c. to 5c. and 70-72 octane is 5c. to 5¼c.

NATURAL GASOLINE.—These grades are firmer with the 26-70 at 2½c. per gallon in Texas and Oklahoma, and 18-55 grade at 2⅞c. to 3c. in Texas and 3c. to 3⅛c. in Oklahoma.

DISTILLATES.—No. 1 prime white is 3½c. to 3¾c. with offerings for next season rather plentiful, while straw is 3⅜c. to 3⅝c. per gallon. No. 2 straw is 3¼c. to 3½c. per gallon. Dark gas oils range from 2¾c. to 3c. per gallon.

KEROSENE.—Offerings are again being made freely with 41-43 at 3¾c. to 4c. per gallon and 42-44 grade at 4c. to 4¼c. per gallon.

FUEL OIL.—The 24-28 degree grade is firm at 85c. to 90c. per barrel while low cold test is also strong at $1 to $1.05 per barrel. Heavy oils below 15 degrees remain at 45c. to 65c. per barrel depending upon gravity with the best cold test very strong.

LUBRICANTS.—The improvement continues in lubricants with offerings being made at firmer quotations. The movement has increased substantially within the past two weeks and shipments are at a much higher rate.

Oil Tanker Loading Subject to U.S. Tax

The piping of petroleum products from refinery storage tanks to a vessel at the refinery wharf constitutes transportation by pipeline within the meaning of the Federal law and is subject to the tax on such transportation, the United States Circuit Court of Appeals for the Fifth Circuit has ruled. This ruling upholds a decision by Judge Wayne G. Borah of the Federal district court in New Orleans.

The matter was involved in a suit by petroleum refiners operating at Destrahan, La., to recover taxes collected under an internal revenue ruling that the operation was taxable. Government attorneys have said that the decision will enable the collection of about $6,000,000 in taxes from oil companies.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Two-hundred-eighty-first Instalment

Naphthalic Acid

Catalysts Used in Manufacturing Naphthalic Acid or Anhydride

Aluminum
Cobalt
Iron
Metallic oxides
Nickel
Vanadium oxide

Nitrocellulose

Coloring Agents for Nitrocellulose, Its Compounds, and Solutions

Acid dyestuffs
Alizarin
Alizarin cyanin green GX
Alkali earth metal chromates made by heating in an atmosphere containing sulphur dioxide or sulphur trioxide
Alphanaphthylamine
Alphazurin FG
1-Amino-4-anilinoanthraquinone auramine
1-Aminoanthraquinone-6-acylamino compounds condensed with:—
(1) Acetyl bromide
(2) Acetyl chloride
(3) Alphanaphthyl chloride
(4) 1-Aminoanthraquinone-2-carbonyl chloride
(5) 1-Aminoanthraquinone-6-carbonyl chloride
(6) Anisyl chloride
(7) 1:9-Anthraisothioazole-2-carbonyl chloride
(8) 1:9-Anthraisothiazole-4-carbonyl chloride
(9) 1:9-Anthraisothiazole-5-carbonyl chloride
(10) 1:9-Anthraisothiazolamine-2:1-anthraquinone-6-carbonyl chloride
(11) Anthraquinone-2:1-phenylacridin-4'-carbonyl chloride
(12) Anthraquinone-2:1-phenylacridin-4'-carbonylamine-1"-anthraquinone-6"-carbonyl chloride
(13) Benzoyl bromide
(14) Benzoyl chloride
(15) Benzoyl chloride and homologous series derivatives thereof
(16) Beta-anthraquinonecarbonyl bromide
(17) Beta-anthraquinonecarbonyl chloride
(18) Betanaphthoyl chloride
(19) Carbonyl halides
(20) Chloroacetyl chloride
(21) 1-chloroanthraquinone-2-carbonyl chloride
(22) 1-Chloroanthraquinone-6-carbonyl chloride
(23) Isophthalic acid chloride
(24) 1-Nitroanthraquinone-2-carbonyl chloride
(25) 1-Nitroanthraquinone-6-carbonyl chloride
(26) Nitrobenzoyl chloride
(27) Orthochlorobenzoyl chloride
(28) Oxalyl chloride
(29) Propionyl chloride
1-Aminoanthraquinone-6-acylamino compounds condensed with:—
(30) Succinyl chloride
(31) Terephthaloyl chloride
(32) Toluic acid chloride
Annota
Anthraquinone-lactam dyes
Anthraquinone-3:3-dicarboxylic acid
Auric chloride
Azo dyes from coupling diazotized compounds with the pyrone ring where the azotized compounds used are monoamines or polyamines or anthracene, benzene, naphthalene, or the diphenyl series having substitutions of halogen chloride, nitro hydroxy, methoxy, carboxylic, and sulphonic acid groups; the pyrone ring may be 6-alkyl, 6-aryl, 6-aralkyl, 5:6-benzo, benzotetronic acid, benzochromine-24-dione, chromane-2:4-dione, 6-cycloalkyl, 5:6-naphtho condensed pyronones, or naphthotetronic acid pyrones, or their substitution products, alkyl halogen or nitro derivatives
Azorubin
Barium salt of tobias acid 6:6-dichlor-4:4-dimethylthioindigo
Basic dyes
Bismuth ferrocyanide
Bismuth nitrate
Bismuth oxyliodide, red
Bismuth sulphide
Bytuco
C. P. toners
Cadmium chloride
Cadmium ferrocyanide
Cadmium sulphide
Carmine
Cellaquer
Cellasol
Chromiferous azo dyestuffs from:—
(1) Diazotized amines containing salicylic acid groups
(2) Orthoamines containing carboxylic acid groups
(3) Orthoaminonaphthalenecarboxylic acid
(4) Orthoaminonaphthols
(5) Orthoaminophenols
(6) Substituted amines, their sulphuric acids, nitro derivatives, halogen derivatives, or alkoxy derivatives
Chromium compounds of hydroxyanthraquinonesulphonic acids
Chromium compounds of orthohydroxyazo dyestuffs
Chromium compounds of polyarylmethane dyestuffs
Cochineal
Crocein scarlet MOO
Crocein orange Y
Cobalt ferrocyanide
Cobalt sulphide
Copper acetate
Cupric ferrocyanide
Cupric nitrate
Cupric sulphide
Dialkylnitrosanilin hydrochloride condensed with:—
(1) Meta-aminocresol
(2) Meta-aminophenol
(3) Monoalkylmeta-aminophenol
Diazo compound of orthonitroanilin or a substituted product thereof with an alkyl ester of 2:3-hydroxynaphthoic acid
Dicyclohexylamine salt of:—
(1) 2:6-Dinitrodiphenylamine-4:3-disulphonic acid
(2) 2-Nitroanilin-4-sulphonic acid
Dragon's blood
Dyes containing phenol groups associated with nitro groups
Eosin
Eriochrome azurol B
Fast crimson GR
Fast wool yellow 3GL
Fastel
Ferric chloride
Ferric ferrocyanide
Ferric hydroxide
Ferrite yellow
Ferricyanide
Fire process pigments
Fume pigments
Heavy metal compounds of hydroxyanthraquinonesulphonic acid orthohydroxyazo dyestuffs
Heavy metal compounds of hydroxyanthraquinonesulphonic acid polyarylmethane dyestuffs
Hematoxylin
Hydroaromatic base salt condensed with:—
(1) 2:6-Dinitro-4-chlorodiphenylamine-4:3'-disulphonic acid
(2) 2:6-Dinitrodiphenylamine-4:3-disulphonic acid or its derivatives
(3) 2-Nitroanilin-4-sulphonic acid or its derivatives
(4) 2-Nitro-5-chloroanilin-4-sulphonic acid
Iron alum
Iron sulphide
Lake scarlet B
Lead acetate
Lead chromate
Lead ferrocyanide
Lead iodide
Lead nitrate
Lead phosphate
Lead sulphide
Leuco compound of the dye from 5-(2':4"-dinitrophenyl)amino-2:6-dichlorobenzaldehyde and orthocresotonic acid
Leuco erichrome azurol B
Linsol colors
Lithol toners
Lithols
Madder lakes, extra strong
Malachite green with perchloric acid
Manganese chloride
Manganese sulphide
Mercuric chloride
Mercuric iodide
Mercury ferrocyanide
Mercury sulphide
Metalliferous dyestuffs
Metallonitrogenous organic compounds with:—
(1) Alkalies
(2) Alkaline earth metals
(3) Alkaline earth metal compounds
(4) Metals
(5) Metal compounds
Metanil yellow
Molybdenum ferrocyanide
Molybdenum sulphide
Nickel chloride
Nickel ferrocyanide
Nickel oxalate
Nickel sulphide

(To be continued)

Fertilizer Materials

Annual Convention Attracts Trade Interest—Sales Volume Light —Imported Fish Meal Stronger—Imported Bone, Nitrogenous, Feeding Tankage Reduced—Tag Sales Up in May

Major producers of raw fertilizer materials were attending the annual convention of the National Fertilizer Association in White Sulphur Springs last week, a fact which tended to make sluggish a market which ordinarily would be quiet at this time of year. The trade returned to normal at mid-week but the sales volume for the entire period under review was very light.

There was still a fair inquiry for feeding stocks but the interest in fertilizer materials was small. At New York the market for Japanese sardine meal showed some strength and the price for July shipment was advanced. Imported bone, nitrogenous material and unground feeding tankage were reduced. Reports from the lower South indicated that the season this year was better than anticipated although there is no buying interest at present. Orders were fairly brisk in the Midwest but they were for small-sized lots only. High-grade feeding tankage was reduced in Chicago markets.

Exports of fertilizer and fertilizer materials from the United States in April totaled 136,328 long tons which was 14 percent less than the corresponding period in 1938 when the tonnage was 158,717 long tons. Potash salts, land pebble rock and synthetic sodium nitrate were exported in smaller quantities than a year ago. April imports, totaling 189,213 long tons exceeded April of last year by 19 percent when the tonnage was 159,614 long tons. An increase in the nitrogenous group was due largely to larger import of nitrate of soda, although some of the less important materials were imported in larger volume also. Muriate of potash imports were smaller than last year but other potash materials showed increases. A shipment of 14 percent kainite was reported, the first in several months.

Total fertilizer sales in 17 states during May, as indicated by the sale of tax tags, amounted to 390,982 tons which was 18 percent larger than the May, 1938, tonnage of 331,568 tons, according to the National Fertilizer Association. The increase over recent years probably reflects the late season, which had also influenced April results. Aggregate sales in the first 5 months of the current year, from January through May, were 4,219,284 tons, compared with 3,962,199 tons during the corresponding period in 1938. Comparative figures will be found on the table on this page.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Japanese sardine meal, 50c. per ton for July shipment

Reduced

Bone, raw, imported, 50c. per ton, c.i.f. ports
Nitrogenous, dom., 15c. per unit-ton, East Coast
Tankage, unground feeding, 5c. per unit-ton, New York
high-grade feeding, 15c. per unit-ton, Chicago

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Buying continued in limited fashion as far as fertilizer materials were concerned last week, but there was still a fair inquiry for feeding stocks.

Sulphate of Ammonia.—The market was routine and price unchanged. A total of 79,269,000 pounds of material were manufactured in the United States during April, compared with 93,339,000 pounds in March and 68,684,000 pounds in April, 1938.

Dried Blood.—There was little call for material during the week and all prices continued unchanged.

Fish Scrap.—The price of the imported material was a bit stronger with suppliers quoting $47.50 per ton, c.i.f. ports for July shipment. This was a 50c. advance. The market for other materials was unchanged.

Nitrogenous Material.—Reports from the Midwest indicated that the f.o.b. price of 8-11 percent material from Chemical, Ill., was now $1.90 per unit-ton. There had been no published price for several weeks previously. The price at East Coast producing points dropped 15c. to $2.30 per unit-ton.

Tankage.—Unground feeding material was selling in New York at $3.35 and 10c. per unit-ton, a 5c. reduction. High-grade feeding at Chicago was being offered at $3.35 and 10c. per unit-ton, 15c. less than the quotation two weeks ago.

Potashes

Material was moving into consuming channels in slow fashion last week. Importers issued prices for the 1939-40 season two weeks ago. They were the same as prices now in force, being subject to a 12 percent discount for prompt shipment from Europe.

Phosphates

Imported bone was a bit weaker last week and the price was reduced. Exports of all phosphate materials during April totaled 123,270 long tons, compared with 137,625 tons in April, 1938. Imports totaled 5,140 against 2,902.

Bone Materials.—The imported material was offered at $24 per ton, c.i.f. ports, a 50c. reduction from the previous week. All other prices continued unchanged.

Superphosphate.—Production in April totaled 237,000 tons, compared with 232,000 tons in April, 1938. Stocks on hand at the end of the month were 1,079,891 tons, against 1,179,223 tons in April, 1938.

Sulphur and Pyrites

There was little interest in offerings of sulphur during the week, although small-sized lots of material were being shipped on contracts. The price schedule remained unaltered.

Markets at Other Centers

Atlanta, June 7.—The season just closed was better than anticipated by many suppliers. Completed statistics for May tonnage have not been issued yet, however. Quotations on a market without buying interest, at present, are as follows:—

SUPERPHOSPHATE—$8.40 per ton, interior producing points.

NITRATE OF SODA—$27 per ton, bulk, port basis.

SULPHATE OF AMMONIA—Bulk, port basis, $28 per ton.

COTTONSEED MEAL—8 per cent grade $24.50 to $24.75 per ton.

BLOOD—$2.65 per unit, Chicago; foreign, ports, $2.75 per unit.

TANKAGE—$3.50 and 10, Chicago; $3.40 and 10, ports.

Baltimore, June 7.—Uneventfulness in the trade was even more pronounced than it has been for some time. Prevailing quotations are about as follows:—

FISH SCRAP.—While there are no reports of sales of this ammoniate, the price named holds around the level that has been recorded, this being $3.35 and 10c. per unit-ton. The fish factories are well sold up on scrap. Menhaden meal is held at $50 per ton in car load lots for spot and early delivery, and Japanese sardine meal is firm at $47.50 per ton c.i.f., with only a limited quantity offered.

TANKAGE.—The market for this ammoniate is quiet, with unground feeding material held at $3.30 and 10c. to $3.40 and 10c. per unit-ton. Unground fertilizer grades are quoted at $3 and 10c. per unit-ton.

DRIED BLOOD.—Latest recorded transactions in this ammoniate were negotiated at $2.60 per unit-ton f.o.b., with the demand light, while South American material ruled around $2.70 to $2.75 per unit-ton c.i.f.

NITROGENOUS MATERIAL.—There seems to be somewhat more strength in this item, with the figures named at $2.25 to $2.30 per unit, and with some trading reported during the last week.

SUPERPHOSPHATE.—Quotations are unchanaged at $7.50 per ton for run of pile and $8 per ton for 16 percent milled and screened stocks.

GARBAGE TANKAGE.—This ammoniate is receiving little or no attention now, and the market is merely nominal, with the price named around $8 per ton, which would make the market here about $11.50 to $12 per ton.

Chicago, June 7.—Buying of various grades of fertilizer materials is reported fairly brisk, with few new features in the market attracting atention. Buying is proceeding along routine lines in the blood division. Tankage inquiries have shown some tendency to broaden out as indicative of a perhaps slightly more aggresive interest on the part of buyers. Bone materials are quiet at this time, with few products fluctuating moderately in prices. Most buying continues to be in small lots for early shipment.

BLOOD.—Principal grade, $2.65 per unit of ammonia.

TANKAGE.—High grade, feeding, $3.35 and 10c. hoof meal, $2.65 to $2.70; liquid stick, $2.25 to $2.50.

BONE MATERIALS.—Ground, steamed bone 1¼ and 60 percent, $25 to $27; 3 and 50 percent, $27; 4½ and 50, $28 to $29; grinding hoofs, pigs, toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $24 to $26; beef cracklings, soft pressed, $40 to $45; pork cracklings, soft pressed, $52.50 to $55; hard pressed cracklings, per unit of protein, 80c. to 90c.

San Francisco, June 6.—Little of new notice was in effect in the local fertilizer materials market last week. Certain organic products however continued to

Fertilizer Tag Sales: April

	P.C. of	Equivalent tons* May		P.C. of	Equivalent tons* January-May		
South—	1938.	1939.	1938.	1937.	1938.	1939.	1938.	1937.
Virginia†	155	31,302	20,206	29,300	104	301,400	290,281	323,735
North Carolina	185	69,414	37,483	56,437	111	1,075,381	971,131	1,082,934
South Carolina	96	35,864	37,385	31,939	103	620,735	603,266	708,061
Georgia	94	42,997	45,895	35,309	96	658,150	683,866	828,563
Florida†‖	171	57,322	33,493	58,499	101	246,222	243,947	281,700
Alabama	74	40,040	54,450	26,200	113	576,290	511,050	607,050
Mississippi	46	7,488	16,350	1,205	91	264,863	289,704	311,549
Tennessee†	134	21,961	16,331	17,120	104	113,915	109,185	115,668
Arkansas‡	26	1,200	4,600	2,750	104	64,100	61,600	65,925
Louisiana†	18	1,075	5,900	4,100	102	121,876	120,072	130,922
Texas†	100	3,495	3,508	2,488	112	80,169	71,552	73,611
Oklahoma	97	155	160	155	94	6,183	6,545	5,105
Totals, South	113	312,313	275,761	265,502	104	4,129,284	3,962,199	4,534,823
Midwest—								
Indiana	141	45,050	31,944	26,875	123	156,658	127,089	135,083
Illinois	117	9,687	8,252	6,218	98	29,575	30,205	34,446
Kentucky	153	23,758	15,508	10,788	94	85,581	91,135	87,584
Missouri	81	39	48	154	84	20,866	24,716	31,446
Kansas	245	135	55	5	41	1,455	3,539	1,935
Totals, Midwest	141	78,669	55,807	44,040	106	294,135	276,684	290,494
Grand totals	118	390,982	331,568	309,542	104	4,423,419	4,238,883	4,825,317

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 27,400 tons of cottonseed meal for January-May combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

‖ Includes 25,160 tons of phosphatic and lime materials for January-May, 1939.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA
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Tens of thousands of
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show firmness, notably tankage and fish meal. Ruling prices are:—

SULPHATE OF AMMONIA.—Quoted at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland ports, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis and $1 per ton extra for delivery inland.

FISH MEAL.—The market is quiet with only hand-to-mouth trading. Quoted price $47 per ton, f.o.b. cars, San Francisco, and $46 per ton, f.o.b. Monterey.

TANKAGE.—Unground, fertilizer grade, wet rendered domestic, $3.25 and 10c. per unit-ton, f.o.b. cars, South San Francisco. Ground, $42.50 per ton, same basis; unground, dry rendered, 70c. to 72½c. per unit of protein, same basis.

BLOOD MEAL.—Domestic meal is slow, at $2.65 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic, steamed, at from $25 to $29 per ton. Delivered, Pacific Coast port.

Potash Industry Confers On Antitrust Laws

—*Continued from page* 3

and that while progress was necessarily slow he hoped that they would result in something of benefit both to the industry and the public.

Antitrust conferences by Department of Commerce officials are part of an experiment suggested by Thurman Arnold, Assistant Attorney-General in charge of antitrust division, who has complained that the Department of Justice is not properly equipped to work out economic solutions of antitrust enforcement problems. A precedent was set when Department of Agriculture officials were called upon by both the Department of Justice and the dairy industry for advice in connection with the pending milk antitrust case in Chicago.

Since then Dr. Thorp has held a series of conferences with representatives of West Coast petroleum companies regarding possible settlement of the antitrust investigation of the California oil industry now being conducted by a grand jury in Los Angeles. He has also held similar conferences with the motion picture and other industries, but to date nothing concrete has developed from this procedure.

Nationwide Probes Favored

The Department of Justice is engaged in a strenuous antitrust enforcement campaign, as revealed in many speeches and public statements of Thurman Arnold, one of the objects of which is to reduce prices of many commodities. One of Mr. Arnold's beliefs is that, to be effective, antitrust actions must be brought on a broad front, with nationwide investigations and simultaneous action against entire industries. He also puts much stress on the use of consent decrees as a means of securing economic results beyond the scope of the mere imposition of penalties.

It is in the framing of consent decrees that the Department of Justice desires the assistance of other Federal departments which have experts in various fields. It has also been suggested that other departments, particularly the Department of Commerce, are in a position to act as intermediaries, since they not only understand the viewpoint and problems of industry but also usually have the confidence of business men. The thought is that business men facing antitrust action could discuss their problems freely with Department of Commerce officials, and that the basis for consent decrees would be developed through the exchange of information informally before a "friendly forum" without danger of giving incriminating evidence or disclosing the case for the defense to the prosecuting authorities. The entire idea, however, is very much in the experimental stage.

S. F. Youngstrom, connected for many years with the Wilbur-Ellis Company, this city, is now associated with Garrigues, Stewart & Davies, this city, as manager of a newly formed department for the handling of technical and edible oils.

Fertilizer Ass'n Warned About Superphosphate

—*Continued from page 3*

ply, many varying private bids were lower than $.75 per unit and the Tennessee Valley Authority price to the Agricultural Adjustment Administration was reduced to $32.20 per ton, basis 47 percent, or $.68 per unit. Apparently private industry prices was effective in reducing Tennessee Valley Authority prices.

Even poverty in the South has been erroneously laid at the door of the fertilizer industry, Mr. Brand said. He declared that it is claimed that Southern poverty is caused in a large part by

Charles J. Brand
Executive Secretary-Treasurer

soil depletion and that the Southern farmer has been forced to increase his production using large amounts of fertilizer. Mr. Brand declared that it seems more accurate to say that soil depletion is the result, not the cause, of poverty in the South. Mr. Brand ascribed the poverty to the economic disadvantages that have attended the development of Southern agriculture during the last 150 years. Farmers of the region have had to sell their products—particularly cotton—in a world market at prices set by world conditions, while they have been forced to buy in a tariff-protected market. One of the consequences of this has been that they have not had the capital to buy the plant food necessary to maintain their soil fertility. That even if the soil in the region had not been depleted, farmers would still not be prosperous was Mr. Brand's conclusion.

Over 2,000,000 samples of soil recently analyzed show that practically no opportunity exists for the establishment of diversification and a much-needed live-at-home program in South Carolina and the coastal plain so long as the acidity of the soils of that area remains uncorrected, was told to the convention by Dr. H. P. Cooper, dean of the school of agriculture of Clemson College and director of the South Carolina Experiment Station, Clemson, S. C.

Doctor Cooper said that over 70 percent of the land in this area is too acid for diversified farming and 40 percent of it is too acid for profitable crops of any kind. General soil conditions of this nature, he said, prevail throughout the entire costal plain and Piedmont area.

Dr. Cooper predicted that the use of lime in this area would open up large sections well adapted to pasture and forage crops, and place them in a condition to give a marked response to phosphorous and other fertilizer materials. Since there is likely to be less fertilizer used in the production of cotton, there will be special interest in finding new and profitable ways of using fertilizer materials.

Dr. Richard Bradfield, head of the department of agriculture of Cornell University, talked of the place of the chemist in soil improvement and the use of fertlizer. He said that fertilizer experiments do not always turn out as the experimenter expects, and that the perplexed experimenter as a last resort frequently turns to the chemist, tosses the field results in his lap and challenges him to explain the peculiar behavior. It may seem a little far fetched to some to see one attacking a fertilizer problem by studying the reactions of that fertilizer with colloidal clay in a test tube, but many of these problems are very complex and they can only be clarified by breaking them down into simpler fragments, he said. Dr. Bradfield further said:—

We have come to realize that when we add fertilizer to the soil we do more than fertilize the crop with the ingredients contained in the fertilizer bag. We first fertilize the soil and in so doing set in operation a complicated series of reactions which often require months and even years for their completion. In fact it is doubtful if the soil is ever the same after a fertilizer application. The growth of the crops which follow is influenced by the indirect as well as the direct reactions of the fertilizer.

Dr. Bradfield called attention to the enormous strides made by the fertilizer manufacturers in the improvement of their products during the past twenty-five years. He said that superior new products are available at reasonable prices. The concentrations have been increased and, as a result, transportation and handling charges reduced. The number of grades has been reduced. As a result, the fertilizer program of the farmer has been simplified and economies effected. The fertilizer manufacturers, through the National Fertilizer Association, he added, have taken the lead in fostering research which has led to improved methods of fertilizer application. This work, he continued, is bound to have a marked influence on fertilizer consumption, for it will greatly expand the acreage of crops which can be economically fertilized.

He sees more efficient use of fertilizer through better methods of application. Small broadcast applications of fertilizer often gave but slight returns. With more efficient hill placement, small applications are almost invariably profitable. He saw this work in fertilizer placement as only a preliminary skirmish in a many-sided struggle to increase the efficiency of utilization of fertilizer by crops.

Prof. R. H. Lush, who recently joined the staff of The National Fertilizer Association as pasture specialist, talked to the convention out of ten years experience as dairy research professor at Louisiana State University. Prof. Lush said that he foresees improved pastures in the South as not only a new and profitable use for land being retired from cotton, but also as a means of increasing the production of milk and meat on land now in pastures.

Reviewing the status of the dairy industry in the South, Prof. Lush declared that poor feed creates an uneconomic dairy industry which is apparent from the fact that the South has 29 percent of the cattle in the country but only 20 percent of the cattle value. It has 26 percent of the milk cows but only 17 percent of the milk. Improved pastures would give better and cheaper feed and naturally a higher production.

D. S. Coltrane, assistant to the commissioner of agriculture of the North Carolina Department of Agriculture, congratulated the industry on the high plane on which it conducts its business in North Carolina, where for eighteen years farmers have purchased more fertilizer than those of any other State, the 1938 tonnage being 1,104,834 tons. Consumption of commercial fertilizer in North Carolina, he said, was up more than 6 percent over the 1938 tonnage for the same period. He thanked the industry for the excess of plant food above the guarantee, which was given to North Carolina farmers last year. Mr. Coltrane said the total value of the excess plant food was $515,000 or an average of 52c. a ton above the guaranteed amount.

The two big problems which Mr. Coltrane sees confronting the farmers of the Southeastern States are:—(1) economical crop production, (2) businesslike marketing of farm crops. He told the fertilizer industry they could help solve the first problem by arranging a series of schools for fertilizer salesmen in order that they might intelligently promote the use of fertilizer and diversified farm crops. He suggested that a co-ordinated educational program that would promote better farming would develop new fertilizer business.

From C. C. Concannon, of the Department of Commerce, the convention heard that from a high of 2,550,000 long tons of fertilizer imported in 1928 that imports had fallen to 1,500,000. The sharp drop in fertilizer imports in 1938 as compared to 1928, Mr. Concannon said was in no sense brought about by artificial restrictions, the imposition of custom duties, or other devices of the type in current use in many countries of the world for controlling the free flow of international commerce. The valuation of 1938 imports approximated $36,500,000. To this should be added millions for the cost of delivery to the United States as the customs record the value of the foreign port of shipment.

The convention also heard David H. Colcord, president of Haskell-Oberlin Co., Marengo, Illinois, who gave a chart talk on "Creating Selling." Billy B. Van, of Newport, New Hampshire, gave the dinner address on June 6.

Officers Elected

Officers elected for the ensuing year were:—

President, John E. Sanford, president of the Armour Fertilizer Works, Atlanta, Ga.; vice-president, John A. Miller, vice-president of the Price Chemical Company, Louisville, Ky.; and executive secretary-treasurer, Charles J. Brand.

The following directors were elected:—

R. D. Gorham, of the Planters Cotton Oil & Fertilizer Company, Rocky Mount, N. C.; James W. Dean, of the Knoxville Fertilizer Company, Knoxville, Tenn.; Bayless W. Haynes, of the Wilson & Toomer Fertilizer Company, Jacksonville, Fla.; A. F. Kingsbury, of the Rogers & Hubbard Company, Middletown, Conn.; P. H. Manire, of the Marshall Cotton Oil Co., Marshall, Texas; W. B. Norris, of the Norris Fertilizer Company, Rushville, Ind.; Bachman Smith, of the Maybank Fertilizer Corporation, Charleston, S. C.; John A Miller, of Price Chemical Company, Louisville, Ky.; H. S. Parsons, of the Nitrate Agencies Company, New York; L. W. Rowell, of Swift & Co. Fertilizer Works, Chicago, Ill.; W. T. Wright, of the F. S. Royster Guano Company, Norfolk, Va., and A. S. Key, of the Federal Chemical Company, Louisville, Ky.

Caruth Made President Of Cleveland Paint Club

The Cleveland Paint, Varnish and Lacquer Association at its annual meeting elected the following officers:—President J. L. Caruth, of the National Lead Company; vice-president, R. L. Hawkins, of the Empire Varnish Company; treasurer, J. A. Gehring, of the Pittsburgh Plate Glass Company; secretary, N. W. Putnam, of the Imperial Color & Chemical Company.

P. A. Garvey addressed the meeting on the results of the Cleveland clean-up and paint-up campaign, which he said was one of the most successful conducted, with 93,000 school children taking part in over 163 schools, representing an increase of about 13 percent over the best previous year, he said. Fifty billboards were used during the campaign, 3,000 streamers displayed, 14,000 posters and 220,000 pupil score sheets and 5,200 lesson sheets given out among the school children.

At the annual outing, A. M. Wethers won the low gross prize in the golf tournament, and J. Maguire captured second place.

Stroock & Wittenberg Adds Three to Technical Personnel

The Stroock & Wittenberg Corporation, this city, has appointed Paul Mahler as general manager of its synthetic resin plants. Kenneth A. Earhart has been named chief research for the alkyd resin division of the organization. Felix Lauter, former president of the La-Bre Chemical Products Corporation, synthetic resin manufacturer, Wyandotte, Mich., has been retained exclusively by the Stroock & Wittenberg firm.

Paul Mahler, who is a graduate of Columbia University, received his early practical training with John E. Teeple, well-known industrial consultant, and since 1926 has been advisor to many large and diversified chemical plants. Kenneth A. Earhart, engaged in his first work on alkyd with Jones-Dabney Company in 1930, obtained his M.A. degree at Lehigh University in 1932, and since then has been in charge of research and production of alkyds for Devoe & Raynolds Company, with whom Jones-Dabney are now affiliated. Felix Lauter, who obtained his doctor of philosophy and engineering degrees at the Friedrich Wilhelm University in Berlin, shortly thereafter came to the United States, of which he has long been a citizen. His earliest synthetic resin experience was with Rohm & Haas, Philadelphia, and dates back twenty years. Many of the first patents for soluble ureas for surface coatings were credited to him.

Miss C. C. Dolan, of Reichard-Coulston, Inc., dry colors, this city, is enroute to San Francisco to attend the Associated Traffic Club convention in that city on June 26.

Flavoring Makers Study Labeling Requirements

—*Continued from page 5*

and imitations which are subject to the requirements of the act.

The listing of the other ingredients referred to above which bear complex chemical names and with which the public is unfamiliar, can serve no useful purpose and such names cannot be regarded as the common or usual names of the ingredients within the meaning of the act. Under these circumstances it is not our purpose to take regulatory action against imitation food flavors which describe such constituents as ethyl oenanthate and other esters bearing unfamiliar names, and heliotropin and other aldehydes bearing unfamiliar names, as artificial flavor consisting of synthetic esters, ketones and aldehydes. Vegetable extractives bearing unusual names such as phoenugreek, lovage, balsam poplar buds, palm gilead buds, etc., may properly be described as extractive matter from seeds, roots, bark, etc., as the case may be.

The other constituents referred to above which bear such common or usual names as vanillin, coumarin, clove oil, coffee, licorice, malt, cocoa, sugar, water, phosphoric acid, etc., should be listed by their specific names. Such of these ingredients as are artificial flavors should be described as such.

The words "aqua pure" should not be substituted for the word "water." The presence of caramel may be declared on the labels of flavors as "colored with caramel," "caramel color," or "artificially colored."

We have not been disposed to take exception to the designation of added coal tar color in such terms as "certified food color added," "added color," or equally informative statements in lieu of "artificial color added." It is felt that from many years familiarity with the use of coal tar colors in foods, the public is aware that such colors are artificial. Caramel may be listed as caramel color.

Neither the act nor the regulations under it mention any percentage below which it is not necessary to declare a preservative. In our opinion, if an amount of sodium benzoate which is detectable by the usual applicable tests is present, it is required to be properly declared.

An appropriate statement of the presence of benzoic acid is "preserved with benzoic acid."

Instead of viewing the new act with critical and resentful eyes, rather view it as Congress intended it to be—a medium for public favor, Ole Salthe, consultant to the Department of Agriculture, Washington, urged. Mr. Salthe, in part, said:—

The other day I read an editorial in the OIL, PAINT AND DRUG REPORTER which I think should be of interest to every food manufacturer, especially in considering the intent and purposes of the Federal Food, Drug and Cosmetic Act. The title of this editorial was "Winning the Public Favor." It reads in part as follows:—

"Business men," said a leading merchant of these parts a few days ago, "must plead guilty to sins of omission and commission."

The commenter laid special stress on the neglect of public relations. This is a matter foremost in practically every

Ole Salthe Addresses Flavor Makers—On His Left, L. P. Symmes, President; on His Right, John S. Hall, Secretary

business gathering today, and much is being attempted to recover what has been lost through neglect. Business is continuously advised to sell itself to the public. In many instances this advice is directed to an undertaking separated from the basic job of selling goods. This is not the best setup; business and its goods should be sold together.

The selling of business to the public must be engaged in along the same lines as those by which goods are sold. The first thing to know is that the transaction will result in the delivery of full value to the public. The seller must be satisfied that what he has to offer will stand public scrutiny. In this connection it must be recognized that actions speak not only louder than words, but more convincingly as well.

The manner in which a job is one is of, at least, as much importance in respect of satisfactory functioning as is what is done. The public is constantly becoming more aware of the fact that real values can be determined only by an appraisal of all their components. The real value of business services should be demonstrated to the public by actions more than words, in order that the proper comparisons may be made with glittering promises.

The best means of developing public confidence and reliance in business is to improve the service of business to the public. Behind this lies the necessity for research—not alone delving into the mysteries of sciences, but a study of facts and the collation of data on which can be built enterprise that will anticipate the needs of the public and at the same time provide it with the means, as well as the materials, that will meet these needs.

As I read this editorial I was impressed with the splendid opportunity that the food, drug and cosmetic act affords for a real public relations program.

When Congress enacted this law, it really enacted a code of ethics governing the re-

L. P. Symmes
Retiring President
Elected Treasurer

lations of the food manufacturer with the consumer. It offered an opportunity for the food manufacturer to really let his hair down and take the consumer into his confidence. This is a job between you and the consumer, for, after all, the government is only the monitor to see that the provisions of the law are lived up to.

Dr. Charles E. Vanderkleed, of the McNeil Laboratories, speaking extemporaneously on the new Federal legislation said the same sort of problems that present today with respect to labeling and with respect to all the other things that had to be done to comply with the law were evident after the passage of the 1906 law.

In looking back, he said that he can now see that it was a very beneficial law, not only to the general public but to the industry that it covered. He felt that this new act will be one of the best things that has ever happened to the general public for the protection of the public health. On the question of labeling, Mr. Vanderkleed said that by careful reading of the law you will see that a distinction is made between those things which should go on the label and those things which may go on the labeling.

B. H. Smith, in reporting for the standards committee, told of the efforts made to get exemptions for certain products.

He told how in March exemptions were granted for vanilla, lemon and orange extracts, and he said that it is understood that such exemptions applies not only to the alcohol extracts but to non-alcohol extracts of lemon and orange, containing the usual percentage of essential oils. These flavors, he said, comprise 50 percent or more of the flavor volume of the so-called "household extract" and such exemption allows the members to distribute these extracts made in the established standard manner without the declaration of ingredients on the label.

He reported that committee has been advised by the Department of Agriculture that it is taking the position that a product labeled "imitation vanilla" must contain 7 percent of vanillin or its equivalent in flavor.

George H. Burnett, reporting for the alcohol tax revision committee, said that the committee can only make a report of progress although considerable spade work has been done. He said it was felt essential that the association have for contact an experienced man in Washington and so retained Dr. James M. Doran for this purpose. His work has been most helpful, he added. He said the committee had persuaded Congressman Knutsen of Minnesota, who is one of the ranking Republican members of the house ways and means committee, to introduce the bill, H. R. 6068.

Dr. James M. Doran spoke briefly, outlining the past efforts of the alcohol tax revision committee of the association and thanked the membership for its cooperation during the year.

L. P. Symmes, in his address as president of the association, commented on mounting costs and taxes. He discussed the enactment of the wage-hour law ,stating that the industry had adjusted itself, and mentioned that the Robinson-Patman act has made for healthier conditions in the industry.

He reviewed the activities of the various committees, mentioning that a plan was presented by the standards committee for developing standards of identity and quality, including fill of container, under the new Federal food, drug and cosmetic law, and a plan, he said, was presented by the alcohol tax reduction committee for obtaining either a reduction in or the elimination of the present tax on ethyl alcohol.

Mr. Beach, chairman of the membership committee, reported that the membership has been increased by thirty-one companies.

John S. Hall reported that forty-eight states passed fair sales laws and twenty-seven have passed below cost selling acts.

He also said that the States of Arkansas, Indiana, Nevada, North Carolina, West Virginia and Virginia have passed new food, drug and cosmetic acts. The States of Oklahoma, New Hampshire and New Jersey adopted the Federal standards, and the State of Connecticut adopted the Federal regulations.

He believed that the State of Oklahoma passed an ideal amendment, wherein section 4541 of the Oklahoma statutes of 1931 was amended to read:—

"Section 4541. The standard of the purity of foods, drugs, medicines, and cosmetics shall be that proclaimed by the Secretary of the Department of Agriculture of the United States. The standard of purity of foods, drugs, medicines, and cosmetics shall be the United States Pharmacopoeia and National Formulary, and the regulation and definitions adopted for

Bill Fischer and Joe Magnus (M. M. & R.) Listen to Frank Green (National Aniline)

enforcement of the Federal Food, Drugs, and Cosmetics Act of June 25, 1938, shall be adopted for the enforcement of this Article, together with such other rules and regulations as the State Commissioner of Health shall make from time to time, not in conflict herewith."

Officers elected were:—

President, Clarke E. Davis, of the Virginia Dare Extract Company, Brooklyn; first vice-president, John H. Beach, of Seely & Co. this city; second vice-president, Leslie S. Beggs, of Styron-Beggs, Newark, Ohio; third vice-president, W. F. Meyer, of the Warner Jenkinson Company, St. Louis; treasurer, L. P. Symmes, of the Baker Extract Company, Springfield, Mass; secretary, E. L. Brendlinger, of the Dill Company, Norristown, Pa.; executive secretary and general counsel, John S. Hall, Chicago.

Elected to the executive committee were:—

George M. Armor, of McCormick & Co., Baltimore; George H. Burnett, of Joseph Burnett & Co., Boston, and Frank Dodge, of the Dodge & Olcott Company, this city.

Socony Vacuum Oil Company, this city, has filed a registration statement covering $50,000,000 25-year 3 percent debentures, due July 1, 1964, with Securities and Exchange Commission. Proceeds of the issue, of which Salomon Bros. & Hutzler will be principal underwriter, will be used to redeem a similar amount of 3½ percent debentures 1950, at 102½ on July 21, next.

Flaxseed Harvesting Finishing in Southwest

OPD Washington Bureau
June 6, 1939

Texas farmers have finished harvesting the first commercial acreage of seed flax grown as a Winter crop on more than 15,000 acres in the coastal area of southern Texas. The area adapted to flax covers roughly the triangle extending from Houston to San Antonio to Brownsville, where the mild Winter climate makes it possible to grow flax as a Fall-sown crop. Much of the acreage in flax has been used previously for cotton.

A. C. Dillman, of the United States Department of Agriculture, who cooperated with the State agricultural experiment station in the experimental plantings which aroused interest in flax growing in southern Texas, returned to Washington recently and says that many more farmers are now interested in flax growing and have indicated their intention to plant flax next Fall.

In California also the flax harvest has been nearly completed, and the total seed production probably will be more than twice as large as in any previous crop. In California flaxseed growing is a relatively new enterprise, confined almost entirely to irrigated lands in the Imperial and San Joaquin valleys. This new industry has resulted from the introduction by the United States Department of Agriculture of the Punjab variety, a selection from Indian seed flax, which has proved well adapted to California conditions and highly productive as a Winter grain in the California irrigated valleys. Punjab flax is grown also in the Salt River and Yuma valleys in Arizona.

This year's California acreage may exceed 100,000 acres, compared with about 36,000 acres last year. Mr. Dillman does not expect that there will be much further expansion in flax acreage in the Imperial valley, because the 42,000 acres planted this season were about as much as would fit well into the highly specialized farming system of the valley. In the Imperial valley flax has proved to be a good Winter crop to follow alfalfa in the rotation, or to follow a cultivated row crop that leaves the soil free of woods. An innovation this year was the planting of 1,000 acres of flax in rows 24 inches apart, allowing cultivation for the control of weeds. This practice is based on experiments carried on at the Imperial valley experiment station at El Centro, a branch of the State experiment station.

Yields in California range considerably higher than in the Northern flax fields, where it is a Summer crop. In the Imperial valley yields of 35 bushels to the acre are often obtained and yields up to 30 bushels are common. Probably the world's record for flaxseed production on a field scale is held by Keith Metz, Holtville, Cal., who in 1937 obtained 39.5 bushels an acre on 185 acres, and on 13 acres of this field, measured and weighed separately, the remarkable yield of 46 bushels an acre.

In the Texas planting most of the flax was of the Bison variety with seed obtained from North Dakota. Bison is the standard variety for North Dakota because of its high resistance to wilt. In Texas, November planting is preferred when moisture conditions are favorable to germination. The crop ripens in April and is harvested before the hot weather of early Summer comes on. Some of the Texas crop was cut with windrowing machines which allow the flax to cure in the field for a few days, followed by a combine with pick-up attachment. A recent report to Mr. Dillman says that weather was favorable during harvest and that the crop this year will supply Texas-grown seed for planting a large acreage next Fall. About ten carloads of seed for planting was shipped from North Dakota last Fall.

O'Donohue Elected President Of N.Y. Produce Exchange

James J. O'Donohue was elected president of the New York Produce Exchange for the ensuing year at the annual election held June 5. Laurel Duval was re-elected vice-president and Clifford B. Merritt was re-elected treasurer. The following were elected to the board of managers to serve two years:—Charles B. Crofton, Harold L. Bache, Moses Cohen, Axel Hansen, W. H. Hine and H. K. Moore. Robert M. Morgan was re-elected as trustee of the gratuity fund to serve three years.

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Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, COCONUT OIL—91 dms, Zaandam, Rotterdam
CRESYLIC—1 dm, W A Foster & Co, American Merchant, London
91 dms, Ragnhild, London
11 cks, Charles Hardy, Zaandam, Rotterdam
224 dms, New York Trust Co, Kaipara, Sydney
10 dms, Laconia, Liverpool
40 dms, Monsanto Chemical Co, Laconia, Liverpool
20 dms, Crowley Tar Product Co, Laconia, Liverpool
1 bx, C A Renner, Laconia, Liverpool
LINSEED OIL—60 dms, Ragnhild, Rotterdam
PEANUT OIL—25 dms, Ragnhild, Rotterdam
SHEANUT OIL—88 dms, Europa, Bremen
ALBUMEN, EGG, HEN—56 cs, F Kanematsu & Co, Kongo, Kobe
ALCOHOL—1 cs, G F Doherty, Ile de France, Havre
COMPOUND—51 dms, L V Longhurst, Angelina, San Juan
35 dms, L V Longhurst, Rosario, San Juan
ALOE—200 cs, Flora, Curacao
ALUMINUM FOIL—66 cs, F P Gaskell & Co, Europa, Bremen
ARNICA FLOWERS—5 bls, S B Penick & Co, Vulcania, Trieste
ARROWROOT—14 cs, J Weber, Ile de France, Havre
ARSENIC—50 bbls, American Smelting & Refg Co, Panuco, Tampico
ARTIST'S MATERIAL—5 cs, Winsor & Newton, Georgic, London
ASBESTOS—8 bls, John's Manville Corp, American Farmer, London
440 bgs, Schodack, Havre
ASPHALT—330 bgs, A V Berner & Co, Seatrain Havana, Havana
BABASSU KERNELS—732 bgs, General Food Corp, Rio Novo, Para
1,333 bgs, General Food Corp, Banaderos, Tutoya
3,333 bgs, General Food Corp, Banaderos, Maranhao
5,832 bgs, General Food Corp, Boniface, Maranham
1,000 bgs, General Food Corp, Boniface, Maranham
BARBASCO—874 bgs, Astoria Import Mfg Co, Boniface, Para
BARBERRY BARK—14 bls, S B Penick & Co, Vulcania, Trieste
BARYTES—10 cars, United Color Pigment Co, Seatrain New Orleans, Havana
2 cars, F E Schundler Co, Seatrain New Orleans, Havana
BISMUTH REFD—150 cs, Cerro De Pasco Copper Corp, Santa Barbara, Callao
BONE MEAL—552 bgs, Maurer Mfg Co, Ragnhild, Antwerp
BONES—2,174 bgs, National City Bank, Mormacrio, Montevideo
BRISTLES—10 cs, Baker & Williams, American Merchant, London
7 cs, F H Cone & Co, American Merchant, London
5 cs, American Merchant, London
17 cs, F H Cone & Co, Kongo, Tientsin
5 cs, J H Schroeder Banking Corp, American Farmer, London
10 cs, American Farmer, London
4 cs, M Broverman & Son, American Farmer, London
1 cs, J Block, American Farmer, London
3 cs, American Farmer, London
9 cs, H Rosenhirsch Co, City of Dalhart, Hongkong
50 cs, Block Bros, City of Dalhart, Hongkong
19 cs, City of Dalhart, Hongkong
13 cs, F H Cone & Co, Batory, Gdynia
7 cs, Batory, Gdynia
70 cs, Chase Natl Bank, President Adams, Hongkong
24 cs, N Wagman & Co, Washington, Hamburg
CADMIUM METAL—100 cs, Associated Metals & Mineral Co, Ragnhild, Antwerp
CALCIUM NITRATE—454 bgs, Synthetic Nitrogen Product Corp, Stavangerfjord, Berlin
CAMPHOR, REFINED—100 cs, Kachurin Drug Co, New York, Hamburg
CANAIGRE ROOT—340 bgs, Orizaba, Vera Cruz
CANARY SEED—694 bgs, Eastern Prince, Buenos Aires
CARAWAY SEED—73 bgs, Catz American Co, New York, Hamburg
200 bgs, Liberty Import Co, Batory, Gdynia
400 bgs, Superintendence Co, Batory, Gdynia
422 bgs, Batory, Gdynia
100 bgs, M Witsenburg, Zaandam, Rotterdam
CARDAMOM—6 half chests, R J Prentiss & Co, City of Johannesburg, Colombo
10 cs, President Adams, Bombay
CAROB BEANS—585 bgs, Bank of Athens, Excello, Rethymno
120 bgs, Exochorda, Marseilles
CASEIN—267 bgs, A Hurst & Co, Ile de France, Havre
417 bgs, A Hurst & Co, Eastern Prince, Buenos Aires
CASSIA—100 bls, Van Loan & Co, City of Dalhart, Hongkong
150 bls, O Gerdau Co, City of Dalhart, Hongkong
211 bls, Catz American Co, Adrastus, Pedang
BROKEN—150 bls, Van Loan & Co, City of Dalhart, Hongkong
50 bls, O Gerdau Co, City of Dalhart, Hongkong
ROLLS—400 bls, A G Dunn, City of Dalhart, Hongkong
100 bls, La Guido, City of Dalhart, Hongkong
50 bls, Van Norden & Archibald, City of Dalhart, Hongkong
VERA—372 pkgs, Frank Tea & Spice Co, Thurland Castle, Batavia
CASTOR BEANS—1,700 bgs, Spencer Kellogg & Sons, Rio Novo, Pernambuco
1,700 bgs, L Dreyfus & Co, Rio Novo, Pernambuco
3,410 bgs, Spencer Kellogg & Sons, Boniface, Bahia
11,905 bgs, Boniface, Bahia
7,843 bgs, Banederos, Ceara
CHALK, BLOCK—1,000 tons, Taintor Trading Co, Schodack, Dunkirk
COMMON—1,600 bgs, R L Watkins Co, Georgic, London
PRECIPITATED—625 pkgs, H J Baker & Bros, Montreal City, Bristol
CHAMOIS—5 cs, Schroeder & Tremayne, President Harding, Havre
7 cs, American Sponge & Chamois Co, Washington, Havre
1 cs, Gondrand Shipping Co, Washington, Havre
CHAMOMILE FLOWERS—47 cs, New York, Hamburg
83 bgs, Vulcania, Trieste
CHEMICALS—1 cs, J E Bernard & Co, American Merchant, London
4 kegs, Yardley & Co, American Merchant, London
6 cs, Schimmel & Co, New York, Hamburg
5 bbls, New York, Hamburg
6 cs, Phoenix Shipping Co, New York, Hamburg
25 cs, Hensel, Bruckmann & Lorbacher, New York, Hamburg
1 cs, American Express Co, New York, Hamburg
125 cks, Charles Hardy, Indiana, Havre
6 cs, Yardley & Co, Georgic, London
16 cs, American Farmer, London
2 cs, Rohner-Gehrig Co, American Farmer, London
50 dms, Schodack, Havre
4 dms, Carbide & Carbon Chem Corp, Schodack, Havre
3 carboys, American Express, Schodack, Havre
42 kegs, Pfaltz & Bauer, Zaandam, Rotterdam
40 cks, Whittaker, Clark & Daniels, Zaandam, Rotterdam
6 dms, Zaandam, Rotterdam
1 pkg, General Dyestuff Corp, Zaandam, Rotterdam
1 cs, E I du Pont de Nemours & Co, Zaandam, Rotterdam
100 cks, Penson & Co, Zaandam, Rotterdam
1 cs, American Express Co, Ile de France, Havre
300 bgs, 36 dms, Black Eagle, Rotterdam
10 cks, 8 dms, American Cyanamid & Chem Co, Black Eagle, Rotterdam
20 cs, Lo Curto & Funk, Exochorda, Marseilles
2 cs, E I du Pont de Nemours & Co, Laconia, Liverpool
10 dms, Bergstrom Trading Co, Temnaren, Gothenburg
CHINA CLAY—30 bgs, Yardley & Co, American Merchant, London
25 cs, E Fougera & Co, American Merchant, London
25 kegs, E Fougera & Co, American Farmer, London
140 bgs, Orbis Products Corp, Zaandam, Rotterdam
CINCHONA BARK—6 cs, W E Martin, Black Eagle, Rotterdam
PRODUCTS—9 cs, R W Greeff & Co, Zaandam, Rotterdam
CLOVES—45 bgs, Catz American Co, Thurland Castle, Banda
COALTAR DERIVATIVES—40 cks, General Aniline Works, Black Eagle, Rotterdam
INTERMEDIATES—6 dms, General Dyestuff Corp, Europa, Bremen
41 cks, General Aniline Works, Zaandam, Rotterdam
9 cks, 65 dms, 13 bottles, General Dyestuff Corp, Zaandam, Rotterdam
15 dms, General Aniline Works, Black Eagle, Rotterdam
PRODUCTS—1 jug, Charles Hardy, Zaandam, Rotterdam
COBALT, OXIDE, BLACK—63 bbls, Central Trading Corp, Schodack, Dunkirk
SULPHATE—40 bbls, Central Trading Corp, Schodack, Dunkirk
COCOA BEANS—36 bgs, Mecke & Co, Bacchus, Maracaibo
1,750 bgs, Panama, S P ports
400 bgs, Curacao Trading Co, Flora, Curacao
500 bgs, Flora, Puerto Cabello
300 bgs, Daarnhouwer & Co, Rio Nôvo, Para
577 bgs, Rio Novo, Para
24 bgs, Daggett Chocolate Co, Angelina, San Juan
9 bgs, Pablo-Calvet & Co, Angelina, San Juan
300 bgs, South American Produce Co, Santa Elena, La Guaira
170 bgs, Wessel, Duval & Co, Santa Elena, Puerto Cabello
250 bgs, Wessel, Kulenkampf & Co, Santa Elena, Cristobal
636 bgs, Santa Elena, Puerto Cabello
4,019 bgs, Curacao Trading Co, Borinquen, Trujillo
2,682 bgs, Wessel, Kulenkampf & Co, Leif, Trujillo
1,000 bgs, Curacao Trading Co, Leif, Sanchez
7,250 bgs, Machado & Co, Leif, Sanchez
500 bgs, Royal Bank of Canada, Leif, Puerto Plata
400 bgs, Machado & Co, Leif, Puerto Plata
300 bgs, Porcella, Vicini & Co, Leif, Puerto Plata
500 bgs, Curacao Trading Co, Leif, Puerto Plata
1,570 bgs, Machado & Co, Leif, Puerto Plata
250 bgs, Santa Barbara, Guayaquil
250 bgs, W R Grace & Co, Santa Barbara, Manta
116 bgs, Banaderos, Manaos
1,500 bgs, Fruit Dispatch Co, Platano, Cristobal
8,500 bgs, Fruit Dispatch Co, Jamaica, Cristobal
300 bgs, Jamaica, Cristobal
325 bgs, Kennedy-Butcher Co, Eastern Prince, Trinidad
325 bgs, Eastern Prince, Trinidad
10,100 bgs, Fruit Dispatch Co, Gansfjord, Almirante
33 bgs, Daggett Chocolate Co, Rosario, San Juan
240 bgs, Grace National Bank, Boniface, Para
587 bgs, Boniface, Para
COCONUTS—184 bgs, 103 hlf bgs, Universal Import & Export Co, Puerto Rico, Mayaguez
67 bgs, Universal Import & Export Co, Angelina, Mayaguez
604 bgs, General Food Corp, Angelina, Mayaguez
1,379 bgs, General Food Corp, Angelina, San Juan
35 bgs, Manniello Bros & Mayrsohn, Angelina, San Juan
30 bgs, G W Cole & Co, Angelina, San Juan
45 bgs, M Farrie, Borinquen, San Juan
50 bgs, Maywin Co, Borinquen, San Juan
5 bgs, J Di Cristina, Borinquen, San Juan
100 bgs, E A Marketing Co, Borinquen, San Juan
39 bgs, Paco-French, Borinquen, San Juan
25 bgs, Caribbean Trading Co, Borinquen, San Juan
COCONUTS—24 bgs, Borinquen, San Juan
25 bgs, Josephine Ramirez, Borinquen, San Juan
1,613 bgs, General Food Corp, Jamaica, Kingston
1,609 bgs, 2 hlf bgs, General Food Corp, Rosario, San Juan
COCONUT, DESIC—150 cs, J H Vavasseur & Co, City of Johannesburg, Colombo
COLORS—1 cs, Ile de France, Havre
5 cs, F B Vandegrift & Co, Ile de France, Havre
DRY—4 cks, American Merchant, London
PIGMENT—4 jugs, General Dyestuff Corp, Zaandam, Rotterdam
VEGETABLE—20 cks, 1 bx, Nino Fornaciari, Rex, Genoa
COPAIBA BALSAM—28 cs, Banaderos, Para
84 cs, Banaderos, Manaos
CORK, VIRGIN—363 bls, United Cork Co, Gudrun, Casablanca
WASTE—4,425 bls, Excello, Djidjelli
WOOD—165 bls, Armstrong Cork Co, Excello, Djidjelli
157 bls, Mundet Cork Co, Vulcania, Gibraltar
COTTON LINTERS—485 bls, Rio Novo, Tutoya
CRYOLITE—224 bgs, Indiana, Havre
CREAM TARTAR—50 bgs, President Adams, Naples
CUTTLEFISH BONES—214 cs, Frank Vliet Co, Exochorda, Marseilles
108 cs, Exochorda, Marseilles
DERRIS ROOT—49 bls, Dodwell & Co, President Adams, Manila
96 bls, J Powell & Co, President Adams, Singapore
DIVI DIVI—950 bgs, C L Huisking & Co, Lara, Maracaibo
DRUGS—30 cs, American Merchant, London
14 cs, Chase National Bank, American Farmer, London
DYES, ALIZARIN—18 cns, 13 dms, General Dyestuff Corp, Europa, Bremen
6 dms, 14 cks, 48 jugs, General Dyestuff Corp, Zaandam, Rotterdam
ANILIN—5 dms, 4 cks, 1 cs, General Dyestuff Corp, Europa, Bremen
15 cks, Fulton Dye & Import Co, Indiana, Havre
9 cks, Wedemann & Godknecht, Indiana, Havre
15 dms, Ciba Co, Georgic, Southampton
10 dms, 54 cks, 1 cs, General Dyestuff Corp, Zaandam, Rotterdam
15 pkgs, Sandoz Chem Works, Zaandam, Rotterdam
15 cks, 21 bbls, Geigy Co, Ile de France, Havre
71 cns, Ciba Co, Ile de France, Havre
2 cks, Fulton Dye Import Co, Ile de France, Havre
1 kg, 2 cs, 13 cns, Carbic Color & Chem Co, Ile de France, Havre
1 dm, E I Du Pont de Nemours Co, Laconia, Liverpool
26 cks, Fulton Dye & Import Co, Washington, Havre
ETHER—2 demjhns, G F Doherty, Ile de France, Havre
FENNEL SEED—15 bgs, R D Hines, Black Eagle, Rotterdam
FERROMANGANESE—125 cks, C Hardy, President Harding, Havre
125 cks, C Hardy, President Adams, Marseilles
125 cks, C Hardy, Washington, Havre
FILTER PAPER—12 cs, H Reeve Angel & Co, American Merchant, London
7 cs, H Reeve Angel & Co, Georgic, London
FISH LIVERS—8 pkgs, W R Grace & Co, Eastern Prince, Rio Janeiro
FLAXSEED—4,064,000 kilos, 162,560 bus, Uruguavo, Rosario
520,000 kilos, 20,800 bus, Eastern Prince, Buenos Aires
FLEASEED—150 bgs, Exochorda, Marseilles
616 bgs, T M Duche & Sons, President Adams, Bombay
875 bgs, President Adams, Bombay
FLOWER WATER—5 pkgs, Roure Dupont, Exochorda, Marseilles
7 demjhns, A Chiris Co, Exochorda, Marseilles
4 pkgs, Roure Dupont, President Adams, Marseilles
FOAM COMPOUND—5 dms, Pyrene Mfg Co, Georgic, London
FULLER'S EARTH—100 bgs, L A Salomon & Bros, Georgic, London
500 bgs, L A Salomon & Bros, Montreal City, Bristol
GAMBIER—255 cs, Adrastus, Singapore
350 bgs, Chase Natl Bank, President Adams, Singapore
GINGER ROOT—3 bgs, Josephine Ramirez, Borinquen, San Juan
267 bgs, Adrastus, Alleppey
299 bgs, Barclay Bank, Jamaica, Kingston
8 bgs, Rosario, San Juan
GLASS, WINDOW—6 cs, S A Bendheim Co, President Harding, Hamburg
5 cs, Globe Shipping Co, President Harding, Hamburg
1 cs, Ednal Co, Laconia, Liverpool
15 cs, Langlotz & Co, Washington, Hamburg
GLUE—100 bgs, Gallagher & Ascher, Georgic, London
110 bgs, Zaandam, Rotterdam
4 cs, Rohner-Gehrig Co, Ile de France, Havre
30 pkgs, Rex & Reynolds, Exochorda, Marseilles
BONE—40 bgs, Pioneer Import Corp, New York, Hamburg
HIDE—130 bgs, Vulcania, Trieste
POWDERED—100 bgs, 10 cks, T M Duche & Sons, Black Eagle, Rotterdam
50 cks, 40 bgs, 1 cs, Rex & Reynolds, President Adams, Marseilles
SHEET—50 cs, T M Duche & Sons, Black Eagle, Rotterdam
GLYCERIN—1 car, Colgate-Palmolive-Peet Co, Seatrain Havana, Havana
94 dms, Montreal City, Bristol
GRAPHITE — 552 bgs, Bank of Manhattan, City of Johannesburg, Colombo
GREASE, WOOL—32 dms, Kaipara, Melbourne
GUM, ARABIC—400 bgs, R E Miller, City of Johannesburg, Port Sudan
10 bgs, Orbic Product Corp, City of Johannesburg, Port Sudan
10 bgs, Frank Vliet Co, City of Johannesburg, Port Sudan
50 bgs, S B Penick & Co, City of Johannesburg, Port Sudan
300 bgs, Paul A Dunkel & Co, City of Johannesburg, Port Sudan
150 bgs, Thurston & Braidich, City of Johannesburg, Port Sudan
150 bgs, City of Johannesburg, Port Sudan
BENZOIN—13 cs, Adrastus, Haiphong
COPAL—110 baskets, O G Innes Corp, Thurland Castle, Roomakay
70 bgs, President Adams, Singapore
DAMMAR—100 cs, Chase National Bank, Thurland Castle, Batavia
200 cs, Thurston & Braidich, Thurland Castle, Batavia
GUM, DAMMAR—50 cs, W H Scheel, Thurland Castle, Singapore
210 bgs, President Adams, Singapore
25 cs, Stroock & Wittenberg, President Adams, Singapore
ELEMI—100 cs, A Hurst & Co, President Adams, Manila
GALBANUM—4 cs, Exochorda, Baghdad
KARAYA—333 bgs, Innis, Speiden & Co, President Adams, Bombay
67 bgs, S B Penick & Co, President Adams, Bombay
400 bgs, Thurston & Braidich, President Adams, Bombay
334 bgs, Jacques, Wolf & Co, President Adams, Bombay
135 bgs, Frank Vliet Co, President Adams, Bombay
200 bgs, Gold Medal Haarlem Oil Co, President Adams, Bombay
66 bgs, Guaranty Trust Co, President Adams, Bombay
211 bgs, President Adams, Bombay
LABDANUM—13 cs, Exochorda, Marseilles
LOCUST BEAN—25 bgs, V M Calderon & Co, Exochorda, Alexandria
40 bgs, Laconia, Liverpool
50 bgs, T M Duche & Sons, President Adams, Genoa
25 bgs, Innis, Speiden & Co, President Adams, Genoa
50 bgs, President Adams, Genoa
MASTIC—10 cs, Lekas & Drivas, Nea Hellas, Piraeus
MYRRH—14 bgs, City of Johannesburg, Aden
TRAGACANTH—10 cs, American Merchant, London
4 cs, E Meer & Co, New York, Hamburg
493 bgs, New York, Hamburg
134 bgs, E Meer & Co, President Harding, Hamburg
7 cs, H Hollander, Exochorda, Marseilles
136 bgs, Paul A Dunkel & Co, President Adams, Bombay
323 bgs, 22 cs, E Meer & Co, President Adams, Bombay
13 bgs, Temnaren, Gothenburg
GYPSUM—5,600 tons, U S Gypsum Co, Gypsum King, Windsor
HENNA LEAVES—68 bls, City of Johannesburg, Port Sudan
HERBS, MEDICINAL—83 bls, New York, Hamburg
POWDERED—2 cs, McKesson & Robbins, Georgic, London
INSECTICIDE—1 cs, American Express Co, American Merchant, London
IRISH MOSS—120 bls, C H Reisig, Ile de France, Havre
IRON ORE—3 bgs, J G Baragwanath, Chiriqui, Havana
1,330 bgs, J P Reiss & Co, Seatrain Havana, Havana
22,300 tons, Bethlehem Steel Co, Amerikaland, Cruz Grande
44 bgs, 40 dms, Reichard Coulston, Laconia, Liverpool
OXIDE—5 cks, Scott L Libby Corp, Zaandam, Rotterdam
28 kegs, 2 cks, J Lee Smith & Co, Laconia, Liverpool
224 bgs Montreal Cilty, Bristol
ISINGLASS—20 cs, American Merchant, London
20 cs, H Reifenberg, American Merchant, London
12 cs, C H Reisig, Georgic, London
JALAP ROOT—14 bgs, Orizaba, Vera Cruz
LAVENDER FLOWERS—6 bgs, Yardley & Co, American Merchant, London
10 bls, Exochorda, Marseilles
LEAVES, MEDICINAL—16 bls, Exochorda, Marseilles
LEMON PEEL—10 cs, American Farmer, London
LICORICE PASTE—10 cs, 2 cks, Exochorda, Marseilles
LITHOPONE—400 cks, Benj Moore & Co, Zaandam, Rotterdam
LYCOPODIUM—15 cs, McKesson & Robbins, Ragnhild, London
16 cs, Batory, Gdynia
MACE—17 cs, Catz American Co, Thurland Castle, Banda
36 cs, Catz American Co, Zaandam, Rotterdam
MAGNESIA, CALCINED—2 cks, Schofield Donald Co, Laconia, Liverpool
CARBONATE—50 bags, 50 cks, 55 cs, Schofield Donald Co, Laconia, Liverpool
MANGANESE ORE—2 bgs, General Dry Batteries, Rosario, Ponce
MANGROVE BARK EXTRACT—3,230 bgs, Philippine Cutch Corp, President Adams, Manila
MATCHES, SAFETY—2,000 ctns, New York Match Co, Temnaren, Gothenburg
MEDICINAL PREPS—60 cs, A D Dal Brun, Exochorda, Genoa
18 cs, G J Wallau, Ile de France, Havre
13 cs, Alpinol Corp, Rex, Genoa
13 cs, J Personeni, Rex, Genoa
9 cs, Italian Drug Import Co, Rex, Genoa
4 cs, Burroughs, Wellcome Co, American Merchant, London
3 cs, Sharo & Dohme, Chiriqui, Havana
3 cs, Eli Lilly & Co, Chiriqui, Havana
6 cs, Burroughs, Wellcome Co, Georgic, London
20 cs, Ratin Laboratory, Batory, Copenhagen
3 cs, C F Doherty, Ile de France, Havre
MENTHOL—25 cs, Nissho Co, Kongo, Kobe
MICA—5 cs, American Merchant, London
138 cs, Bank of Manhattan, London
20 cs, Eastern Prince, Buenos Aires
MILK, POWD—80 cs, Nestle's Milk Product, Exochorda, Marseilles
MINERALS—1,216 bgs, Royal Bank of Canada, Eastern Prince, Buenos Aires
MUD MINERAL—110 bgs, Leonhardt & Brush, Vulcania, Trieste
SEA—99 cs, 26,400 lbs, New York, Hamburg
MURU MURU KERNELS—1,694 bgs, General Food Corp, Boniface, Para
1,200 bgs, Rio Novo, Para
MUSTARD SEED—550 bgs, American Merchant, London
100 bgs, B H Old & Co, Batory, Copenhagen
550 bgs, J M Bacharash, Excello, Palermo
400 bgs, C Gulden, Excello, Palermo
100 bgs, C Gulden, Black Eagle, Rotterdam
NAPHTHALENE—1,000 bgs, Zaandam, Rotterdam
3,135 bgs, Black Eagle, Rotterdam
1,121 bgs, Montreal City, Bristol
NUTMEGS—62 bgs, C T Wilson & Co, Thurland Castle, Banda
26 bgs, Thurland Castle, Banda
NUX VOMICA—200 bgs, Barber S S Line, American Merchant, London
334 bgs, Bank of Montreal, President Adams, Colombo
136 bgs, President Adams, Colombo
OCHER—20 cks, Smith Color & Chem Co, Exochorda, Marseilles
10 cks, Hammill & Gillespie, Exochorda, Marseilles

OCHER—800 bgs, C K Williams & Co, Exochorda, Marseilles
448 bgs, 56 dms, Reichard-Coulston, Laconia, Liverpool
OIL, ALMOND—4 cs, Geo Lueders & Co, Exochorda, Marseilles
85 cs, Exochorda, Marseilles
ANISE—10 dms, W J Bush & Co, City of Dalhart, Hongkong
BERGAMOT—1 cs, Yardley & Co, Georgic, London
CASSIA—5 dms, Ungerer & Co, City of Dalhart, Hongkong
5 dms, Magnus, Mabee & Reynard, City of Dalhart, Hongkong
CASTOR—12 cs, Arabol Mfg Co, Orizaba, Vera Cruz
CINNAMON LEAF—1 dm, President Adams, Colombo
CITRONELLA—16 dms, P R Dreyer, Thurland Castle, Batavia
5 dms, Barber S S Line, City of Johannesburg, Port Said
COCONUT—Quantity, Pacific Vegetable Oil Corp, City of Dalhart, Manila
COD—100 dms, New York, Hamburg
450 dms, Atlas Refinery, Ragnhild, Rotterdam
50 dms, Stavangerfjord, Oslo
CODLIVER—7 cs, Norwegian Consulate General, Stavangerfjord, Oslo
75 dms, C L Huisking & Co, Stavangerfjord, Alesund
50 dms, Gunning & Gunning, Stavangerfjord, Alesund
387 dms, Stavangerfjord, Reykjavik
50 bbls, Washington, Hamburg
CORN—150 dms, Corn Product Refining Co, Caledonia, Glasgow
25 dms, I R Boody & Co, Zaandam, Rotterdam
75,903 kilos, Corn Product Refining Co, Black Eagle, Rotterdam
DILLSEED—5 cans, Fritzsche Bros, President Harding, Hamburg
ESSENTIAL—2 cs, 16 dms, American Merchant, London
2 cs, Indiana, Havre
5 dms, President Harding, Southampton
6 cs, Georgic, London
15 cs, Zaandam, Rotterdam
19 cs, Ile de France, Havre
6 dms, Exochorda, Baghdad
50 pkgs, Exochorda, Marseilles
75 pkgs, President Adams, Marseilles
5 cs, Washington, Havre
EUCALYPTUS—10 dms, Kaipara, Melbourne
FUEL—67,334 bbls, Asiatic Petroleum Corp, Malmanger, Curacao
86,000 bbls, Standard Oil Co of N J, Phoebus, Aruba
FUSEL—7 dms, C P Chemical Solvents, Angelina, Ponce
GERANIUM—4 dms, French Line, City of Johannesburg, Port Said
JUNIPER—2 cks, Fritzsche Bros, Vulcania, Trieste
LAVENDER—4 dms, J Manheimer, Exochorda, Marseilles
LEMONGRASS—4 dms, Volkart Bros, City of Johannesburg, Cochin
6 dms, Volkart Bros, Adrastus, Cochin
28 dms, Adrastus, Cochin
LIME—29 cs, Georgic, London
LINSEED—5 cs, B F Drakenfeld & Co, Laconia, Liverpool
MINERAL—20 dms, New York, Hamburg
NUT—50 dms, I R Boody & Co, Black Eagle, Rotterdam
OITICICA—80 dms, Rio Novo, Ceara
321 dms, Banaderos, Cabedella
20 dms, Lenape Trading Co, Banaderos, Ceara
250 dms, Trust Co of North America, Banaderos, Ceara
75 dms, Brown Bros-Harriman Co, Banaderos, Ceara
321 dms, Banaderos, Ceara
689 dms, Boniface, Massors
Quantity, National City Bank, Boniface, Ceara
465 dms, W R Grace & Co, Boniface, Ceara
936 dms, Boniface, Ceara
OLIVE—114 cs, Rex, Genoa
28 cs, Rex, Naples
25 dms, Banca Commi Italiana Greece, Nea Hellas, Piraeus
125 cs, President Harding, Bordeaux
75 dms, Leghorn Trading Co, Gudrun, Piraeus
100 dms, Leghorn Trading Co, Gudrun, Canea
75 dms, Leghorn Trading Co, Gudrun, Candia
339 cs, Gudrun, Piraeus
50 cs, Queen Mary, Southampton
200 dms, Ionian Bank, Excello, Piraeus
75 dms, Leghorn Trading Co, Excello, Piraeus
150 dms, National Bank of Greece, Excello, Piraeus
175 dms, Smith Weihman Co, Excello, Piraeus
100,000 kilos, Smith Weihman Co, Excello, Polychinto
199 tons, Bank of Greece, Excello, Rethymno
100 dms, Venice Import Co, Excello, Corfu
25 dms, 75 cs, Excello, Corfu
400 tons, Commi Bank of Greece, Excello, Corfu
50 cs, Black Eagle, Rotterdam
50 cs, Exochorda, Haifa
40 dms, Levant Amer Commi Co, Exochorda, Piraeus
30 dms, Leghorn Trading Co, Exochorda, Piraeus
10 dms, Ionian Bank, Exochorda, Piraeus
70 dms, National Bank of Greece, Exochorda, Piraeus
100 dms, Bank of Athens, Exochorda, Piraeus
300 dms, Commi Bank of Greece, Exochorda, Piraeus
200 dms, Bonocl Packing Co, Exochorda, Piraeus
100 dms, Venice Import Co, Exochorda, Piraeus
450 dms, Smith Weihman Co, Exochorda, Piraeus
50 dms, Banca Comi Italiana, Exochorda, Piraeus
400 cs, Exochorda, Leghorn
50 cs, Exochorda, Piraeus
1,999 cs, Exochorda, Genoa
25 dms, C Tornello & Co, Exochorda, Genoa
120 dms, Atlantic & Pacific Tea Co, Exochorda, Genoa
42 dms, 16 bbls, F Buffa, Exochorda, Genoa
50 dms, Schroeder Bros, Exochorda, Marseilles
732 cs, President Adams, Genoa
25 dms, S A Laraja, President Adams, Genoa
77 pkgs, President Adams, Marseilles
OLIVE SULPHUR—50 dms, Welch Holme & Clark, Exochorda, Piraeus
ORANGE—6 bbls, Zaandam, Rotterdam
2 dms, Lo Curto & Funk, Exochorda, Marseilles
PALM—1,259 tons, Banque Belge pour l'Etranger, Thurland Castle, Belawan Deli
31 dms, Balfour, Guthrie & Co, Zaandam, Rotterdam
384 tons, Van Leeuwen, Boomkamp & Co, Adrastus, Belawan
PERILLA—Quantity, Mitsubishi-Shoji-Kaisha, Kongo, Yokohama
Quantity, Mitsui & Co, Kongo, Yokohama
PETITGRAIN—25 cs, Eastern Prince, Montevideo
PINE—1 ck, Fritzsche Bros, Vulcania, Trieste
1 cs J. L Hopkins & Co. Vulcania, Trieste
RESIDUE—75 dms, New York, Hamburg
ROSEWOOD—6 dms, Boniface, Para
OIL, SESAME—35 dms, I R Boody & Co, Zaandam, Rotterdam
200,000 kilos, Balfour, Guthrie & Co, Black Eagle, Rotterdam
SOD—5 bbls, Meadows, Wye & Co, Queen Mary, Southampton
10 bbls, Laconia, Liverpool
SOYBEAN—1 cs, Mitsui & Co, Kongo, Yokohama
SYNTHETIC—31 cs, 1 dm, Lo Curto & Funk, Ragnhild, Rotterdam
YLANG YLANG—1 dm, Van Amerigen Haebler, Exochorda, Marseilles
2 dms, Corn Exchange Bank, Exochorda, Marseilles
OPIUM—2 cs, Gudrun, Istanbul
ORANGE PEEL—17 cs, Greene Trading Co, Ragnhild, London
44 bls, Vulcania, Trieste
ORE—12 bgs, Exolon Co, Exochorda, Alexandria
PAPAIN—14 hlf chests, R J Prentiss & Co, City of Johannesburg, Colombo
20 hlf chests, Dodwell & Co, City of Johannesburg, Colombo
15 cs, President Adams, Colombo
PAPRIKA—50 bgs, H Schoenfeld & Son, President Harding, Hamburg
51 bgs, Chase Natl Bank, President Harding, Hamburg
175 bgs, Excello, Oran
66 bgs, Vulcania, Lisbon
50 bgs, Vulcania, Trieste
51 bgs, 24 cs, H Schoenfeld & Son, Washington, Hamburg
25 bgs, D Kleckner, Washington, Hamburg
75 bgs, Victory Shipping Co, Washington, Hamburg
PEATMOSS—1,666 bls, President Harding, Hamburg
1,500 bls, President Harding, Bremen
600 bls, Halfmoon Manufacturing & Trading Co, Zaandam, Rotterdam
758 bls, C K Ketzel, Zaandam, Rotterdam
1,800 bls, Hercogs Jekabs, Rigo
1,020 bls, Premier Peatmoss Corp, Hercogs Jekabs, Tallium
PEPPER, BLACK—450 bgs, Thurland Castle, Batavia
240 bgs, City of Johannesburg, Alleppey
WHITE—167 bgs, Thurland Castle, Batavia
PETROLEUM, CRUDE—100,634 bbls, Standard Oil Co of N J, Champagne, Cartagena
84,505 bbls, Standard Oil Co of N J, Orion, Guiria
72,477 bbls, Asiatic Petroleum Corp, Myriam, Las Piedras
49,940 bbls, Standard Oil Co of N J, Maturines, Guiria
PIMENTO—25 bgs, Barclay Bank, Jamaica, Kingston
POPPYSEED—100 bgs, Zaandam, Rotterdam
150 bgs, I Grob Corp, Zaandam, Rotterdam
100 bgs, Jewett & Sherman, Black Eagle, Rotterdam
POTASH CHLORATE—800 dms, International Selling Corp, Schodack, Havre
PUMICE—1,275 bgs, J H Rhodes & Co, Excello, Canneto
1,535 bgs, C B Chrystal & Co, Excello, Canneto
LUMP—1,500 bgs, J H Rhodes & Co, Excello, Canneto
PYRETHRUM FLOWERS — 125 bls, John Powell & Co, Kongo, Kobe
QUEBRACHO EXTRACT—2,455 bgs, Tannin Corp, Mormacrio, Buenos Aires
2,000 bgs, International Product Corp, Eastern Prince, Buenos Aires
QUICKSILVER — 31 flasks, Chase National Bank, Panuco, Tampico (option London)
RAPESEED—67 bgs, Barber S S Line, American Merchant, London
RESIN—1 cs, Concentrate Mfg Co, Ile de France, Havre
5 cs, Astoria Import Mfg Co, Boniface, Para
RHATANY ROOT—16 bgs, W R Grace & Co, Santa Barbara, Coquimbo
RICE FLOUR—200 bgs, Stein, Hall & Co, Zaandam, Rotterdam
ROOT, MEDICINAL—40 bgs, S B Penick & Co, American Farmer, London
143 bls, Exochorda, Marseilles
100 bls, S B Penick & Co, Vulcania, Trieste
ROSE LEAVES — 2 kegs, Yardley & Co, Georgic, London
WATER—2 dms, Exochorda, Marseilles
ROSIN—25 cs, Vulcania, Trieste
SABADILLA SEED—84 bgs, S B Penick & Co, Santa Elena, La Guaira
SAGE LEAVES—75 bls, Vulcania, Trieste
SAGO FLOUR—4,000 bgs, Thurland Castle, Singapore
SANTORIN EARTH—14 bgs, A Meyers, Exochorda, Piraeus
SARSAPARILLA ROOT — 34 bls, Panuco, Tampico
16 bls, Orizaba, Vera Cruz
SAWDUST—1,089 bgs, State Chem Co, Zaandam, Rotterdam
SENNA LEAVES—100 bls, Thurland Castle, Colombo
SESAME SEED—250 bgs, Gordon-Wolf-Cowen Co, Gudrun, Alexandria
10 bgs, Exochorda, Alexandria
132 bgs, President Adams, Bombay
SILVER SULPHIDE—108 bgs, Santa Barbara, Antofagasta
SOAP—1,540 pkgs, Conti Product Corp, Exochorda, Leghorn
310 cs, J P Smith & Co, Exochorda, Marseilles
100 cs, R H Macy & Co, Vulcania, Trieste
7 cs, R F Downing & Co, Washington, Havre
BASE—134 cs, Yardley & Co, American Merchant, London
171 cs, Yardley & Co, Georgic, London
SADDLE—5 cs, Meadows & Co, American Merchant, London
3 cs, American Express Co, American Farmer, London
TOILET—1 cs, Georgic, London
23 cs, American Express Co, American Farmer, London
5 cs, S S Steiner, American Farmer, London
5 cs, Exochorda, Haifa
SODA, CYANIDE—440 cyls, C Hardy, Ile de France, Havre
HYDROSULPHITE—25 kgs, Philipp Bros, Laconia, Liverpool
SILICOFLUORIDE—80 bbls, Hummel Chem Co, New York, Hamburg
SULPHATE—495 bgs, W R Grace & Co, Santa Barbara, Antofagasta
SOYBEAN MEAL—100 bgs, J H Redding, New York, Hamburg
SPONGES—10 bls, J H Rhodes & Co, Lancastria, Nassau
4 bls, Atlantic Sponge & Chamois Co, Lancastria, Nassau
1 bl, Roden Sponge & Chamois Co, Lancastria, Nassau
20 bls, World Sponge Market, Flora, Turks Island
18 bls, J H Rhodes & Co, Munargo, Nassau
4 bls, American Sponge & Chamois Co, Flora, Nassau
REFUSE—5 bls, American Sponge & Chamois Co, Lancastria, Nassau
25 bls, Roden Sponge & Chamois Co, Lancastria, Nassau
7 bls, J H Rhodes & Co, Munargo, Nassau
3 bls, American Sponge & Chamois Co, Munargo, Nassau
SQUILL—100 bgs, Excello, Palermo
STEATITE—4 bbls, M Kirchberger & Co, Exochorda, Leghorn
STRAMONIUM LEAVES—40 bgs, Ragnhild, Rotterdam
TANKAGE—2,340 bgs, Van Iderstine Co, Ragnhild, London
500 bgs, Wilson & Co, Uruguayo, Santos
4,066 bgs, Uruguayo, Santos
TANKAGE—6,096 bgs, C Hollinshed & Co, Uruguayo, Montevideo
1,000 bgs, H J Baker & Bros, Uruguayo, Buenos Aires
5,447 bgs, Uruguayo, Buenos Aires
100 bgs, Tupman, Thurlow & Co, Kaipara, Melbourne
100 bgs, Kaipara, Sydney
520 bgs, Tupman, Thurlow & Co, Kaipara, Brisbane
506 bgs, Mormacrio, Santos
TANTALITE ORE—37 bgs, Gallagher & Asher, Adrastus, Singapore
TAPIOCA FLOUR—500 bgs, Java American Export Co, Thurland Castle, Sourabaya
276 bgs, Thurland Castle, Pasoeroean
1,000 bgs, Central Hanover Bank, Thurland Castle, Cheribon
3,745 bgs, Balfour, Guthrie & Co, Thurland Castle, Pamanoekan
1,000 bgs, Sino Java Hvg, Adrastus, Batavia
273 bgs, Stein, Hall & Co, Adrastus, Sourabaya
250 bgs, Central Hanover Bank, Adrastus, Sourabaya
PEARL—84 bgs, Thurland Castle, Cheribon
TAR—2 cks, President Adams, Marseilles
TARTAR—330 bgs, Charles Pfizer & Co, Ragnhild, Rotterdam
2,018 bgs, Standard Brands, Excello, Oran
THYME LEAVES—40 bls, Seek & Kade, Exochorda, Marseilles
TIMBO ROOT—420 pkgs, K W Cole & Co, Rio Novo, Para
184 bls, Boniface, Para
TONKA BEANS—52 cs, Chemical Bank Trust Co, Rio Novo, Para
13 cks, Kennedy & Butcher, Eastern Prince, Trinidad
27 cks, Eastern Prince, Trinidad
TRICHLORETHYLENE—100 cks, International Selling Corp, Exochorda, Marseilles
TUBA ROOT—48 bls, S B Penick & Co, Thurland Castle, Singapore
TUCUM KERNELS—2,344 bgs, General Food Corp, Banaderos, Tutoya
2,344 bgs, General Food Corp, Boniface, Parnahyba
TURMERIC FINGER—184 bgs, Volkart Bros, Adrastus, Cochin
448 bgs, Adrastus, Cochin
296 bgs, Volkart Bros, Adrastus, Alleppey
240 bgs, National City Bank, Adrastus, Alleppey
200 bgs, Adrastus, Alleppey
VANADIC ORE CALC—21 dms, Associated Metals & Mineral Co, Vulcania, Trieste
VANADIUM—5,638 bgs, Vanadium Corp, Santa Barbara, Callao
VALONIA—1,658 bgs, Gudrun, Izmir
4,645 bgs, Excello, Oduniuk
VANILLA BEANS—42 cs, J Manheimer, City of Johannesburg, Port Said
12 cs, Ile de France, Havre
16 cs, Dodge & Olcott Co, Orizaba, Vera Cruz
23 cs, Thurston & Braidich, Orizaba, Vera Cruz
61 cs, F Huber & Co, Orizaba, Vera Cruz
22 cs, W T Rawleigh Co, Exochorda, Marseilles
46 cs, Exochorda, Marseilles
14 cs, Dammann & Smeitzer, Exochorda, Marseilles
30 cs, Thurston & Braidich, President Adams, Marseilles
VARNISH—1 cs, International Forwarding Co, Ile de France, Havre
2 cs, Victory Shipping Co, Washington, Havre
VIOLET MINERAL POWD — 10 cks, E I duPont de Nemours & Co, Zaandam, Rotterdam
WATER, MINERAL—85 cs, F H Leggett & Co, American Merchant, London
40 cs, Austin Nichols & Co, American Merchant, London
65 cs, American Merchant, London
141 cs, H S Dorf & Co, American Merchant, London
46 cs, Klug Krug Co, President Harding, Hamburg
40 cs, Georgic, London
15 cs, Bloomingdale Bros, American Farmer, London
400 cs, American Agency Vichy, Ile de France, Havre
200 cs, Rohner, Gehrig & Co, Black Eagle, Rotterdam
175 cs, H A Graziano, Exochorda, Genoa
75 cs, Olof Hertzwig Trading Co, Tremuaren, Gothenburg
WAX—6 cks, Carbone Co, Washington, Havre
BEES—39 bgs, Panuco, Tampico
33 bgs, Van Oppen & Co, Oriente, Havana
15 bgs, Gudrun, Alexandria
12 bgs, Machado & Co, Borinquen, Trujillo
40 bgs, Orizaba, Havana
35 bgs, Machado & Co, Leif, Trujillo
11 bgs, Porcella, Vicini & Co, Leif, Puerto Plata
22 bgs, President Adams, Alexandria
80 bgs, Leghorn Trading Co, Eastern Prince, Santos
112 bgs, Eastern Prince, Santos
CANDELILLA—509 bgs, M Argueso & Co, Panuco, Tampico
CARNAUBA—56 bgs, American Cyanamid & Chem Co, Rio Novo, Ceara
55 bgs, Philadelphia National Bank, Rio Novo, Ceara
218 bgs, American Cyanamid & Chem Co, Rio Novo, Ceara
40 bgs, T G Cooper & Co, Rio Novo, Ceara
112 bgs, W R Grace & Co, Rio Novo, Ceara
56 bgs, Innis, Speiden & Co, Rio Novo, Ceara
112 bgs, Smith & Nichols, Rio Novo, Ceara
33 bgs, Lenape Trading Co, Banaderos, Ceara
56 bgs, Innis, Speiden & Co, Banaderos, Ceara
86 bgs, Banaderos, Ceara
72 bgs, Chase National Bank, Boniface, Bahia
314 bgs, Chase National Bank, Boniface, Parnahyba
125 bgs, Strahl & Pitsch, Boniface, Parnahyba
44 bgs, Boniface, Para
188 bgs, American Cyanamid & Chem Co, Banaderos, Tutoya
157 bgs, W M Allison & Co, Banaderos, Tutoya
444 bgs, Strohmeyer & Arpe Co, Banaderos, Tutoya
125 bgs, Brown Bros-Harriman Co, Banaderos, Tutoya
38 bgs, Lenape Trading Co, Banaderos, Tutoya
63 bgs, Wessel, Duval & Co, Banaderos, Tutoya
283 bgs, Banaderos, Tutoya
155 bgs, W R Grace & Co, Banaderos, Ceara
166 bgs, American Cyanamid & Chem Co, Boniface, Ceara
274 bgs, W R Grace & Co, Boniface, Ceara
112 bgs, Lenape Trading Co, Boniface, Ceara
112 bgs, Innis Speiden & Co, Boniface, Ceara
501 bgs, Strohmeyer & Arpe Co, Boniface, Ceara
168 bgs, W M Allison & Co, Boniface, Ceara
56 bgs, Philadelphia Natl Bank, Boniface, Ceara
279 bgs, Boniface, Ceara
112 bgs, Innis Speiden & Co, Boniface, Massors
112 bgs, Philadelphia Natl Bank, Boniface, Massors
WAX, CARNAUBA—112 bgs, Wessel Duval & Co, Boniface, Massors
224 bgs, W R Grace & Co, Boniface, Massors
56 bgs, Bank of London South America, Boniface, Massors
90 bgs, S C Johnson Sons, Boniface, Massors
33 bgs, Lenape Trading Co, Boniface, Massors
1 pkg, Rutger Bleecker & Co, Boniface, Massors
200 bgs, Boniface, Massors
33 bgs, Lenape Trading Co, Boniface, Maranham
168 bgs, Philadelphia Natl Bank, Boniface, Maranham
166 bgs, Bank of London South America, Boniface, Maranham
168 bgs, Smith & Nichols, Boniface, Maranham
112 bgs, Innis Speiden & Co, Boniface, Maranham
134 bgs, Boniface, Maranham
MINERAL—10 bgs, General Dyestuff Corp, Zaandam, Rotterdam
MONTAN—1,334 bgs, Innis, Speiden & Co, New York, Hamburg
200 bgs, New York, Hamburg
375 bgs, Strohmeyer & Arpe Co, Washington, Hamburg
OZOKERITE—30 bgs, 10 cs, Schodack, Havre
100 bgs, Smith & Nichols, Vulcania, Trieste
20 bgs, Strahl & Pitsch, Vulcania, Trieste
WOODFLOUR—400 bgs, State Chem Co, Zaandam, Rotterdam
2,153 bgs, B L Soberski, Stavangerfjord, Fredrikstad
YEAST—50 bbls, Batory, Gdynia
ZINC DUST—10 dms, Schari Process Corp, American Farmer, London
OXIDE—5 bgs, Yardley & Co, American Merchant, London

New York Transit Imports

CASSIA, BROKEN—150 bls, Frank Tea & Spice Co, City of Dalhart, Hongkong, Cincinnati
CHEMICALS—1 cs, Ile de France, Havre, Rochester
FELDSPAR—40 bgs, A S Wilson, Laconia, Liverpool, Cleveland
FLUORSPAR—5 bags, A S Wilson, Laconia, Liverpool, Cleveland
GELATIN—2 cs, American Express Co, Europa, Bremen, Rochester
OIL, CASHEW SHELL—454 dms, Hervel Research Corp, President Adams, Bombay, Irvington, N J
CODLIVER—110 dms, Stavangerfjord, Aalesund, Milwaukee
OLIVE—100 dms, Com'l Bank of Greece, Excello, Corfu, Chicago
10 dms, Exochorda, Piraeus, Chicago
QUARTZ—40 bgs, A S Wilson, Laconia, Liverpool, Cleveland
SOAP—2 cs, American Express Co, Ile de France, Havre, Hartford
SPONGES—5 bls, Lancastria, Nassau, Denmark
25 bls, Orizaba, Havana, Havre
6 bls, Munargo, Nassau, Havre
33 bls, Munargo, Nassau, London
REFUSE—58 bls, Lancastria, Nassau, London
9 bls, Munargo, Nassau, London

Baltimore Imports

ALUMINUM SILICATE ORE—198 tons, Matra, Calcutta
ARSENIC POWD—2 cks, Pipestone County, Bordeaux
BONE FLOUR—3,947 bgs, Blommersdijk, Rotterdam
MEAL—1,103 bgs, Blommersdijk, Rotterdam
CHEMICALS—24 bbls, Blommersdijk, Rotterdam
CHROME ORE—1,000 tons, Trentbank, Madras
ILMENITE SAND—6,000 tons, Scottish Prince, Colachel
2,200 tons, Scottish Prince, Kolithottam
IRON ORE—21,500 tons, Bethlehem Steel Co, Bethore, Cruz Grande
7,741 tons, Leo J Buck, Lulea, Narvik
22,500 tons, Bethlehem Steel Co, Marore, Cruz Grande
10,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
KYANITE ORE—86 tons, Trentbank, Calcutta
MANGANESE ORE — 7,500 tons, Becheville, Poti
1,000 tons, Wichita, Calcutta
1,000 tons, Trentbank, Calcutta
4,000 tons, Bethlehem Steel Co, Robin Goodfellow, Durban
MEAKIN MEAL—5,800 bgs, Takaoka Maru, Kobe
OIL, CODLIVER—100 dms, Atlantic Supply Co, West Cusseta, Hull
OLIVE—100 dms, Exermont, Piraeus
PEATMOSS—215 bls, Blommersdijk, Rotterdam
1,400 bls, West Cusseta, Hamburg
1,500 bls, Blommersdijk, Rotterdam
PETROLEUM, CRUDE—107,841 bbls, Standard Oil Co of N J, O A Knudsen, Las Piedras
POTASH, CHLORATE—100 dms, Pipestone County, Havre
RED EARTH—380 bgs, Blommersdijk, Rotterdam
SAND, IRON—50 bgs, Balto & Ohio R R Co, West Cusseta, Hamburg
SEAWEED MEAL—1 bg, Blommersdijk, Rotterdam
SHELLAC—75 bgs, Trentbank, Calcutta
SUPERPHOSPHATE—1,967 tons, Kem, Antwerp
TALC—950 bgs, Pipestone County, Bordeaux
1,200 bgs, Moore & Munger, Pipestone County, Bordeaux
VALONIA EXTRACT (POWD)—1,675 bgs, International Products Corp, Exermont, Yera
WATER, MINERAL — 65 cs, Blommersdijk, Rotterdam

Boston Imports

ACID, CRESYLIC—15 dms, Laconia, Liverpool
50 dms, 11 tons, 4 cwt, 1 qr, 3 lbs, American Express Co, Laconia, Liverpool
BASIC SLAG—1,000 bgs, 100,001 lbs, H J Baker & Bros, Black Tern, Antwerp
BLACK, LAMP—1 cs, Sarcoxie, London

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CHEMICALS—25 dms, Blommersdijk, Rotterdam
2 cs, Gustav Martin, Sarcoxie, London
615 bgs, 25 dms, 84,591 lbs, Black Tern, Rotterdam
56 cks, Schofield Donald Co, Caledonia, Glasgow
COCOA BEANS—250 bgs, Lady Drake, Trinidad
COLORS, DRY—1 cs, American Express Co, Laconia, Liverpool
EARTH—10 bbls, 3,443 lbs, H P Lambert & Co, Black Tern, Antwerp
COPPER, RESIDUE—1,203,712 lbs, Alpha Lux Co, Blommersdijk, Rotterdam
EMERY FILLET—1 cs, John Hetherington & Sons, Laconia, Liverpool
1 cs, Atkinson Haserick Co, Laconia, Liverpool
FISH LIVERS—527 tins, Atlantic Coast Fisheries Export Corp, Nagara, Yokohama
LIVERS, HALIBUT—14 cs, 1,672 lbs, from Nova Scotia
10 cs, from Nova Scotia
1 tin, L C Hewson, O K Service IV, Port Dufferin, N S
LIVER, MEAL—101 bgs, from Nova Scotia
FLOWERS, DRIED—2 cs, 321 lbs, Arnold Fisher Co, Mormacrio, Santos
GLASS, WINDOW—8 cs, First National Bank, Belvidere, Venice
21 cs, 9,976 lbs, Seymour G Cole, Black Tern, Antwerp
330 cs, 26,224 lbs, American Express Co, Black Tern, Antwerp
GLUE—59 bbls, Nicholson & Co, Apohaqui, Lockport, N S
HIDE—1,075 bgs, Ciara, Trieste
GLUESTOCK—167 bgs, 39,260 lbs, E Butterworth & Co, Black Tern, Antwerp
HIDE—332 bgs, 25 tons, 1 cwt, 3 qrs, 19 lbs, First National Bank, Laconia, Liverpool
GUM, INDUSTRIAL—20 cks, 4,961 lbs, Exochorda, Marseilles
25 bgs, 1 ton, 5 cwts, 1 qr, 22 lbs, J P Marston Co, Laconia, Liverpool
HERBS—13 bls, Belvedere, Trieste
126 bls, 33,576 lbs, Sarcoxie, Hamburg
IRON OXIDE—125 bbls, Whittaker, Clark & Daniels, Blommersdijk, Rotterdam
LIME JUICE—81 hghds, Lady Drake, Dominica
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Blommersdijk, Rotterdam
NUTMEGS—150 bgs, Lady Drake, Grenada
OCHER—200 bgs, 10,714 lbs, Reichard-Coulston, Exochorda, Marseilles
10 cks, 150 bgs, 14,034 lbs, Exochorda, Marseilles
OIL, FUEL—24,787 bbls, 1,041,090 gls, Colonial Beacon Oil Co, Clydefield, Aruba
OLIVE, SULPHUR—5 dms, 2,205 lbs, Bank of Greece, Exochorda, Piraeus
SPERM—50 dms, C H Powell Co, Caledonia, Glasgow
60 bbls, Caledonia, Glasgow
TEASEED—100 dms, Manufacturers Trust Co, Nagara, Shanghai
OSSEIN—1,000 bgs, 112,993 lbs, J O Whitten Co, Black Tern, Antwerp
4,857 bgs, 726,496 lbs, Black Tern, Antwerp
PEATMOSS—1,295 bls, Halfmoon Manufacturing & Trading Co, Blommersdijk, Rotterdam
1,000 bls, Peat Import Corp, Sarcoxie, Bremen
PETROLEUM, CRUDE—43,507 bbls, 6,534 tons, Colonial Beacon Oil Co, Clydefield, Las Piedras
123,582 bbls, 17,457 tons, Colonial Beacon Oil Co, Franz Klasen, Cartagena
POPPYSEED—50 bgs, M L Fernald & Co, Blommersdijk, Rotterdam
QUEBRACHO EXTRACT—1,996 bgs, 193,409 lbs, International Products Corp, Mormacrio, Buenos Aires
SAFFRON—2 cs, 308 lbs, Exochorda, Marseilles
SHELLAC—20 cs, J Henry Schroeder Banking Corp, Blommersdijk, Rotterdam
SOAP, TOILET—4 cs, American Express Co, Laconia, Liverpool
SODA, HYDROSULPHITE—75 kegs, 6 tons, 17 cwt, 6 lbs, Philipp Bros, Laconia, Liverpool
STARCH, POTATO—500 bgs, Blommersdijk, Rotterdam
STEARIN—63 bgs, 11,250 lbs, Manufacturers Chemical Co, Black Tern, Antwerp
SUMAC, GROUND—280 bgs, E E Androvette, Belvedere, Palermo
TANKAGE—1,016 bgs, 111,995 lbs, H J Baker & Bros, Cape Howe, Buenos Aires
TAPIOCA FLOUR—200 bgs, Adrastus, Semarang
TARTAR—100 bgs, Blommersdijk, Rotterdam
TURMERIC—32 bgs, 40 cwt, City of Johannesburg, Alleppey

Galveston Imports

OIL, OLIVE—125 cs, Mongiola, Leghorn

Houston Imports

CASEIN—2 cs, City of Omaha, Antwerp
OIL, LUBRICATING—75 dms, City of Omaha, Antwerp
PAPRIKA—75 bgs, Cranford, Hamburg
PETROLEUM, CRUDE—56,658 bbls, Litiopa, Tuxpam
35,739 bbls, Aztec, Tuxpam
SHEEP DIP POWD—200 cs, City of Omaha, Antwerp
TALC—1,000 bgs, Mongiola, Genoa

Los Angeles Imports

AMMONIA PHOSPHATE—2,500 bgs, 248,640 lbs, Rosebank, Trail
SULPHATE—1,100 bgs, 109,760 lbs, Rosebank, Trail
BABASSU KERNELS—367 bgs, 48,440 lbs, from Para
BONE PHOSPHATE—2,128 bgs, 217,280 lbs, Wisconsin, Belgium
CALCIUM CHLORIDE—341 pkgs, 78,140 lbs, Kinross, Koln
CHILLIES—50 bgs, 5,000 lbs, Norden, Kobe
CLAY BALL—431,540 lbs, Lochmonar, Plymouth
COALTAR PRODUCTS—2 lbs, President Taft, Kobe
COCONUT, DESIC—550 cs, 71,500 lbs, Canton, Manila
472 cs, 66,080 lbs, Anna Maersk, Manila
COPRA—1,400,000 lbs, Saparoea, Cebu
MEAL—13,000 bgs, 1,300,000 lbs, President Cleveland, Manila
FISH LIVERS, FROZEN—441 tins, 17,640 lbs, President Cleveland, Japan
527 tins, 21,800 lbs, President Cleveland, Kobe
206 tins, 8,240 lbs, Tatuta, Yokohama
781 tins, 31,240 lbs, Hokkai, Yokohama
MEAL—1,000 bgs, 100,000 lbs, Rakuyo, Tokyo
FLEASEED—67 bgs, 11,260 lbs, President Taft, Amritsar
MAGNESIA CARBONATE—2,000 lbs, Pacific Grove, Newcastle-on-Tyne
MEDICINAL PREPS—60 lbs, President Taft, Kobe
OIL, CHINAWOOD—300 dms, 126,000 lbs, Canton, Hongkong
CODLIVER—120 bbls, 27,000 lbs, Benj Franklin, Bergen
75 dms, 16,950 lbs, Benj Franklin, Oslo
10 dms, 2,250 lbs, Benj Franklin, Bergen
OLIVE—50 dms, 21,110 lbs, Lochmonar, London
25 dms, 11,390 lbs, Fella, Malaga
PERILLA—120,000 lbs, Tatuta, Kobe
RICE BRAN—331,030 lbs, Tatuta, Osaka
OIL, WALNUT—96 dms, 41,340 lbs, President Cleveland, Tientsin
PEATMOSS—300 bls, 44,800 lbs, Lochmonar, Amsterdam
4,400 bls, 678,720 lbs, Lochmonar, Rotterdam
POPPYSEED—100 bgs 10,950 lbs, Lochmonar, Rotterdam
POTASH, CHLORATE—100 dms, 11,200 lbs, Wisconsin, Switzerland
SULPHATE—4,750 pkgs, 1,064,000 lbs, Wisconsin, Amsterdam
QUEBRACHO EXTRACT—400 bgs, 42,580 lbs, Yamagiri, Buenos Aires
RICE FLOUR—100 lbs, Arimasan, Yokohama
SEAWEEDS—90 lbs, Arimasan, Yokohama
SESAME SEED—100 lbs, Tatuta, Yokohama
SHELLAC—25 bgs, 4,100 lbs, Saparoea, Calcutta
155 pkgs, 25,420 lbs, Saparoea, Calcutta
SEEDLAC—100 bgs, 16,400 lbs, Saparoea, Calcutta
SILVERSAND—224,000 lbs, Wisconsin, Antwerp
SODA, NITRATE—5,103 bgs, 593,600 lbs, Condor, Tocopilla
TOILET PREPS—320 lbs, President Taft, Kobe
2,100 lbs, Lochmonar, London
200 lbs, from Paris
600 lbs, from London
UMBER—40 pkgs, 13,440 lbs, Pacific Grove, Sheffield
UREA—4,000 pkgs, 398,720 lbs, Lochmonar, Berlin
WATER, MINERAL—365 cs, 5,700 lbs, Lochmonor, Cologne
WHITING—1,968 bgs, 216,070 lbs, Kinross, Anvers
ZINC OXIDE—1,120 pkgs, 56,000 lbs, Pacific Grove, London

Mobile Imports

BAUXITE ORE, CRUSHED & DRIED—2,668 tons, Nea, Paramaribo

New Orleans Imports

ACID, CRESYLIC—125 dms, W Cooper & Nephews, Ethan Allen, Antwerp
BAUXITE ORE—2,445 tons, Aluminum Ore Co, Fredhem, Paramaribo
900 tons, Aluminum Ore Co, Fredhem, Port of Spain
2,990 tons, Aluminum Ore Co, Ingertre, Paramaribo
1,027 tons, Aluminum Ore Co, Ingertre, Port of Spain
3,250 tons, Aluminum Ore Co, Dalvangen, Paramaribo
2,600 tons, Aluminum Ore Co, Sorvangen, Paramaribo
344 tons, Aluminum Ore Co, Sorvangen, Port of Spain
COPRA—600 tons, Procter & Gamble, Ermland, Cagayan
518 tons, Procter & Gamble, Ermland, Cebu
900 tons, Procter & Gamble, Ermland, Zamboanga
FIRE CLAY & BRICK—6 pkgs, 6 cs, Ethan Allen, Rotterdam
GLUE, MARINE—6 crts, Ethan Allen, Rotterdam
GUM, CHICLE—706 bls, Sixaola, Puerto Barrios
LIME HYDRATED—6,840 sx, United Fruit Co, West Hobomac, Bremen
MOLASSES—462,650 gls, Standard Brands, Athelbeach, Georgetown
400,900 gls, Standard Brands, Athelbeach, Barbados
1,013,270 gls, Standard Brands, Athelbeach, Port of Spain
653,252 gls, Commercial Molasses Corp, Comol Cuba, Vita
175,854 gls, Commercial Molasses Corp, Comol Cuba, Santiago
OCHER—1,491 sx, West Hobomac, Hamburg
OIL, COCONUT—500 tons, Procter & Gamble, Ermland, Manila
LINSEED—5 dms, J H Cadzow, West Hobomac, Rotterdam
LUBRICATING—10 bbls, Ethan Allen, Rotterdam
OLIVE—40 dms, Mercantile Commercial Bank, Hybert, Seville
SODA NITRATE—2,000 tons, Minerva, Tocopilla
TALC—210 cs, Geo Wm Rueff, Ermland, Kobe
TAPIOCA FLOUR—286 sx, Becker & Green, Sorvangen, Ciudad Trujillo
VANILLA BEANS—15 cs, Lusk Shipping Co, Tegucigalpa, Vera Cruz

Norfolk Imports

COCOA SHELLS—4,667 bgs, 794,258 lbs, Smith-Douglass Co, West Cusseta, London
DYE INTERMEDIATES—8 cans, Cincinnati Chem Works, Norwood, Ohio, West Cusseta, Hamburg
GUM, INDUSTRIAL—65 csks, 16 tons, 1 cwt, 3 qtrs, J P Marston Co, Boston, Artigas, Liverpool
GYPSUM, CRUDE—2,300 tons, Virginia Carolina Chemical Corp, Factor, Windsor
LEATHER, WASTE—846 pkgs, Montreal City, Cardiff
1,553 bgs, 36 tons, 11 cwt, 1 qtr, Artigas, Liverpool
MANGROVE POWD—500 bgs, 25 tons, West Cusseta, Hull
MYROBALAN, POWD—300 bgs, 15 tons, West Cusseta, Hull
OIL, CODLIVER—250 dms, West Cusseta, Mantyleoto, Finland (for Newport News)
FUEL—84,000 bbls, 3,528,000 U S gls, Standard Oil Co of N J, Baltic, Aruba
PEATMOSS—100 bls, Premier Peatmoss Corp, West Cusseta, Halmstad, Sw
550 bls, Premier Peatmoss Corp, West Cusseta, Halmstad, Sw
RED EARTH—800 bgs, Montreal City, Cardiff
SOAP, TOILET—6 cs, 1,896 lbs, American Express Co, West Cusseta, London
TALC—1,525 bgs, 150 tons, L A Salomon & Bros, Pipestone County, Bordeaux

Philadelphia Imports

AGAR AGAR STRIPS—20 bls, Mitsui & Co, Arimasan, Kobe
BONE MEAL—1,580 bls, Clara, Fiume
CHALK—4,880 tons, Southwark Manufacturing Co, Ravnanger, London
CHEMICALS—20 bbls, Scanstates, Gdynia
50 bbls, 150 dms, Zaandam, Rotterdam
CHINA CLAY—1,089 tons, 8 cwt, 1,413 bgs, 90 cks, English China Clay Sales Corp, Toronto City, Fowey
771 tons, 2 cwt, 320 bgs, Moore & Munger, Toronto City, Fowey
CINCHONA BARK—988 bls, Zaandam, Rotterdam
CLAY, BALL—144 tons, 10 cwt, English China Clay Sales Corp, Toronto City, Fowey
BLUE—360 tons, Moore & Munger, Toronto City, Fowey
BOND—8,000 kilos, Sarcoxie, Hamburg
FIRE—200,000 kilos, Sarcoxie, Hamburg
COCOA RESIDUE, GROUND—300 bgs, Woodward & Dickerson, Zaandam, Rotterdam
CORK SHAVINGS—1,846 bls, Armstrong Cork Co, Exermont, Collo
WASTE—9,309 bls, Armstrong Cork Co, Montello, Seville
CORK, WASTE—4,418 bls, Armstrong Cork Co, Exermont, Collo
9,772 bls, Armstrong Cork Co, Montello, Seville
WOOD—191 bls, Armstrong Cork Co, Exermont, Collo
1,923 bls, Armstrong Cork Co, Norefjord, Seville
1 bl, Armstrong Cork Co, Norefjord, Lisbon
355 bls, Armstrong Cork Co, Montello, Seville
FLAXSEED—4,800 tons, Thode Fagelund, Concepcion del Uruguay
5,095 bgs, 86 tons, Thode Fagelund, Montevideo
FLUORSPAR—150,440 kilos, Chase National Band, Exermont, Malaga
FULLERS EARTH—200 bgs, L A Salomon & Bros, Sarcoxie, London
GRAPHITE—500 bgs, New York Trust Co, City of Johannesburg, Colombo
GUM, COPAL—252 bskts, Manufacturers Trust Co, Siamese Prince, Macassar
202 bskts, Chase National Bank, Siamese Prince, Macassar
75 bskts, National City Bank, Siamese Prince, Macassar
141 bskts, Guaranty Trust Co, Siamese Prince, Macassar
DAMMAR—210 bgs, Chase National Bank, Siamese Prince, Singapore
HONEY—50 tins, Tela, Puerto Barrios
IRON OXIDE—34 bbls, F B Vandegrift & Co Exermont, Malaga
MACE—7 cs, Siamese Prince, Macassar
19 cs, Zaandam, Rotterdam
MOLASSES—916,140 gls, Catahoula, Jucaro
432,621 gls, 17 cans, Catahoula, Cienfuegos
MUSTARD SEED—250 bgs, R T French Co, Zaander, Rotterdam
150 bgs, Zaandam, Rotterdam
MYROBALANS—2,560 bgs, Wichita, Bombay
NUTMEGS—70 cs, Siamese Prince, Macassar
OIL, CODLIVER—317 dms, Whitmoyer Lab, Inc, Scanstates, Copenhagen
MUSTARD SEED—100 dms, Balfour Guthrie & Co, Yamazato Maru, Kobe
OITICICA—25 dms, Cape Race, Ceara
OLIVE—250 dms, Brown Brothers Harriman & Co, Exermont, Seville
OLIVE SULPHUR—100 dms, Philadelphia National Bank, Norefjord, Lisbon
PEATMOSS—990 bls, Den Norske Credit Bank, Sarcoxie, Hamburg
400 bls, Sarcoxie, Hamburg
500 bls, Sarcoxie, Bremen
1,850 bls, Zaandam, Rotterdam
300 bls, Premier Peat Moss Corp, Zaandam, Rotterdam
1,350 bls, Marine Midland Trust Co, Zaandam, Rotterdam
PEPPER, RED—100 bgs, R T French Co, Eisenach, Hamburg
PETROLEUM, CRUDE—109,105 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
116,593 bbls, Gulf Oil Corp, Gulfhawk, Guiria
96,738 bbls, Gulf Oil Corp, Gulfcrest, Las Piedras
109,060 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
QUARTZ SCRAP, FUSED—27 cs, Foote Mineral Co, Eisenach, Hamburg
SARDINE MEAL—2,300 bgs, Mitsubishi Shoji Kaisha, Yamazato, Yokohama
SHELLAC—200 bgs, New York Trust Co, Matra, Calcutta
500 bgs, Bank of London and South America, Matra, Calcutta
100 bgs, Philadelphia National Bank, Matra, Calcutta
GARNET—400 bgs, Bank of Manhattan, Matra, Calcutta
SUMAC LEAF—400 bls, Ceara, Palermo
POTATO, STARCH—250 bgs, Zaandam, Rotterdam
TAPIOCA FLOUR—1,000 bgs, Chase National Bank, Siamese Prince, Cheribon
TURMERIC, FINGER—240 bgs, City of Johannesburg, Alleppey
WATER, MINERAL—40 cs, Zaandam, Rotterdam
WAX, CARNAUBA—56 bgs, Chase National Bank, Rio Novo, Ceara
55 bgs, Philadelphia National Bank, Rio Novo, Ceara
VEGETABLE—100 cs, Mitsui & Co, Arimasan, Kobe
WETTING AGENT—53 dms, Ciba Co, Zaandam, Rotterdam

Port Arthur Imports

PETROLEUM, CRUDE—68,545 bbls, Washington, Las Piedras

Portland, Ore., Imports

CLOVES—42 sks, Corneville, Hongkong
GINGER ROOT—4 csks, Sweetarts, Corneville, Hongkong
MEDICINAL PREPS—3 cs, C Gee Wo, Corneville, Hongkong
PIMENTO—25 sks, Barclays Bank, Loch Katrine, Kingston
SODA CYANIDE—300 dms, American Cyanamid & Chemical Corpn, Loch Katrine, Rotterdam

San Francisco Imports

ACID, CITRIC—544 cs, Manukai, Honolulu
FATTY—500 sks, Mitsubishi-Shoji-Kaisha, Norden, Kobe
ALCOHOL, ETHYL—100 dms, Maliko, Honolulu
100 dms, Manukai, Honolulu
CASSIA—200 bls, S L Jones & Co, Pleasantville, Hongkong
50 bls, Wah Young Co, Pleasantville, Hongkong
49 pkgs, Jacobus F Frank, Hoegh Merchant, Padang
CHEMICALS—34 bbls, Schwaben, Hamburg
CHINA CLAY—153 tons, Balfour, Guthrie & Co, San Jose, Antwerp (for Oakland)
810 tons, Balfour, Guthrie & Co, San Jose, Antwerp (for Richmond)
CINNAMON—100 bls, Hoegh Merchant, Colombo
CLAY—250 tons, Balfour, Guthrie & Co, San Jose, Antwerp (for Richmond)
BALL—Quantity, Balfour, Guthrie & Co, San Jose, Antwerp (for Oakland)
250 tons, Balfour, Guthrie & Co, San Jose, Antwerp (for Richmond)
COPRA MEAL—9,520 sks, Taylor Milling Corpn, Pleasantville, Manila (for Oakland)
FLAXSEED—1,353 sks, Mitsui & Co, Norden, Dairen
GAMBIER—170 cs, Bank of California, Hoegh Merchant, Singapore
GLASS, FIGURED—12 cs, Smith Glass Co, San Jose, Antwerp
WIRED—12 cs, Smith Glass Co, San Jose, Antwerp
GUM COPAL—100 sks, Bank of California, Schwaben, Antwerp
100 sks, Anglo-California National Bank, Saparoea, Singapore
237 bskts, D Hecht & Co, Hoegh Merchant, Macassar
DAMMAR—1 cs, H M Newhall & Co, Saparoea, Singapore
551 cs, Hoegh Merchant, Batavia
MAGNESITE PUTTY—6 cs, Plant Rubber & Asbestos Works, Schwaben, Hamburg
MEDICINAL PREPS—52 pkgs, Bow Tai Wo, Pleasantville, Hongkong
MENTHOL—15 cs, Norden, Kobe
MOLASSES—815 tons, Manukai, Honolulu
24,400,000 lbs, Makiki, Hahukona
131,500 gls, Waimea, Honuapo
NUTMEGS—34 sks, B C Ireland, Hoegh Merchant, Banda
OIL, CHINAWOOD—150 dms, Pacific Vegetable Oil Corp, Pleasantville, Hongkong
50 dms, Henry W Peabody & Co, Pleasantville, Hongkong (for Oakland)
MINERAL RESIDUE—15 dms, Schwabacher & Co, Schwaben, Hamburg
PEANUT—300 cs, Wo Kee Co, Pleasantville, Hongkong
PAPRIKA—225 sks, McClintock - Stern Co, Schwaben, Hamburg
PEANUT MEAL—1,500 sks, Balfour, Guthrie & Co, Norden, Tsingtao
PEATMOSS—200 bls, Wilbur-Ellis Co, Schwaben, Bremen (for Oakland)
PEPPER, BLACK—414 sks, Hoegh Merchant, Oosthaven
PERILLA SEED—6,670 sks, Mitsubishi Shoji Kaisha, Norden, Dairen
PETROLEUM, REFD—100 dms, Schau-Gallis Co, Schwaben, Bremen
POTASH CHLORATE, POWD—100 dms, Chas Hardy, Schwaben, Antwerp
PYRETHRUM FLOWERS—25 bls, An-Fo Manufacturing Co, Norden, Kobe
RAPESEED MEAL—1,000 sks, California Flower Market, Norden, Kobe
SHELLAC—50 sks, Saparoea, Calcutta
TALC—300 sks, Commercial Minerals Co, Norden, Dairen
TALLOW—4 dms, 2 bbls, Nakiki, Kahului
TAPIOCA FLOUR—267 sks, Balfour, Guthrie & Co, Pleasantville, Pamanoekan
50 sks, S H Tyler & Son, Hoegh Merchant, Cheribon
TUBA ROOT—100 bls, Guaranty Trust Co of N Y, Hoegh Merchant, Singapore
UREA—6,614 bgs, Wilson & George Meyer & Co, Schwaben, Antwerp
WATER, MINERAL—80 cs, American Agency of French Vichy, San Jose, Havre
WAX, BEES—94 cs, Manukai, Honolulu
MONTAN—20 bgs, Schwaben, Hamburg
ZINC AMMONIUM CHLORIDE—15 cks, Ore & Chemical Corp, Schwaben, Bremen (for Oakland)

Savannah Imports

BLEACHING POWDER—240 pks, Saccrappa, Liverpool
PEATMOSS—575 bls, Saccrappa, Hamburg
SALTCAKE—Quantity, Clare Hugo Stinnes, Bremen
SODA SILICOFLUORIDE—40 bbls, Saccrappa, Hamburg

Seattle Imports

ACID, OXALIC—30 cks, Loch Katrine, Rotterdam
BONE MEAL—1,000 sks, Loch Katrine, Rotterdam
CASSIA—45 bls, Crescent Manufacturing Co, President Taft, Hongkong (transshipped)
CLOVES—42 sks, Corneville, Hongkong
PEPPER, BLACK—86 sks, B C Ireland, Corneville, Oosthaven

Tacoma Imports

IRON SAND—50 sks, Bailey Co, Corrientes, Glasgow

Tampa Imports

OIL, OLIVE—10 dms, 100 cs, Breedijk, Spain
PEATMOSS—400 bls, Breedijk, Rotterdam

Exports from U.S. Ports

New York Exports

Clearance Dates

American Banker, May 19; American Importer, May 19; Anita, May 25; Armadale, May 20; Barbarigo, May 19; Black Gull, May 19; Blankaholm, May 20; Borinquen, May 25; Brasil, May 19; California, May 31; Chiriqui, May 20; Coamo, May 18; Collamer, May 27; Columbus, May 19; Deutschland, May 24; Estrella, May 18; Ewa, May 25; Exeter, May 19; Exhibitor, May 25; Express, May 18; Ferndale, May 19; Gatun, May 26; Harmodius, May 20; Havana, May 18; Jamaica, May 24; Kyusyu, May 2; Marna, May 19; Mathilda Thorden, May 19; Musa, May 19; Nardana, May 3; New Brooklyn, May 23; Nieuw Amsterdam, May 23; Nordkap, May 10; Nyhaug, May 12; Oriente, May 19; Panama, May 18; Panamanian, May 26; Panuco, May 13; President Roosevelt, May 24; Puerto Rico, May 20; Samaria, May 19; Santa Maria, May 19; Santa Rosa, May 25; Santos, May 22; Saturnia, May 19; Sawokla, May 20; Sonard, May 26; Talamanca, May 10; Tercero, May 18; Transylvania, May 24; Tyrifjord, May 23; Westernland, May 19

ACETIC ANHYDRIDE—66,462 lbs, Alex Van Opstal, Antwerp

ACETONE—720 lbs, Panamanian, Barranquilla

ACID, CITRIC—605 lbs, Talamanca, Cartagena

MURIATIC—33,300 lbs, Musa, Porto Armuelles; 3,700 lbs, Talamanca, Kingston;

ACID, MURIATIC (Continued):—
29,856 lbs, Puerto Rico, Ponce; 25,900 lbs, Pastores, Tela
OLEIC—443 lbs, Chiriqui, Havana
SULPHURIC—2,008 lbs, Nyhaug, St Croix

ALCOHOL, ISOPROPYL—28,490 lbs, American Banker, London

ALUMINA SULPHATE—49,490 lbs, Talamanca, Barranquilla

AMMONIA, ANHYDR—22,610 lbs, Havana, Vera Cruz; 3,044 lbs, Jamaica, Kingston

ASPHALT—44,510 lbs, Armadale, Sydney; 16,553 lbs, Sawokla, Shanghai; 51,633 lbs, Samaria, Liverpool; (Blankaholm) 44,028 lbs, Raumo; 12,000 lbs, Varberg; 20,339 lbs, Brasil, Buenos Aires; 14,377 lbs, Panamanian, Tela; (Exhibitor) 466,639 lbs, Piraeus; 154,514 lbs, Thessalonika
LIQUID—(American Importer) 56,250 lbs, Manchester; 14,129 lbs, Liverpool; 123,124 lbs, President Roosevelt, Havre; 36,844 lbs, Volendam, Rotterdam; 5,484 lbs, California, Glasgow; 12,232 lbs, Collamer, Dunkirk
SOLID—479,585 lbs, Samaria, Liverpool; 6,677 lbs, Deutschland, Hamburg; 12,471 lbs, American Banker, London

BLUE, ULTRAMARINE—(Marna) 1,612 lbs, Buenaventura; 2,402 lbs, Callao; 2,908 lbs, Brasil, Buenos Aires; (Chiriqui) 1,617 lbs, Port Limon; 2,296 lbs, Havana
VITRIOL—6,910 lbs, Oriente, Havana; 80,800 lbs, Talamanca, Kingston

CALCIUM CARBIDE—937,200 lbs, Sawokla, Manila
CHLORIDE—10,028 lbs, Jamaica, Montego Bay; 46,670 lbs, Talamanca, Kingston; 11,776 lbs, Transylvania, Glasgow

CARBON BISULPHIDE—11,000 lbs, Musa, Cristobal
CHEMICALS—23,650 lbs, Alex Van Opstal, Antwerp; 4,312 lbs, Collamer, Havre
CHLORINE—17,828 lbs, Panamanian, Barranquilla
CHLOROFORM—333 lbs, Musa, Cartagena
COALTAR INTERMEDIATES—4,522 lbs, Havana, Vera Cruz; 8,442 lbs, Nieuw Amsterdam, Rotterdam
COCOA CAKE—50,355 lbs, Nieuw Amsterdam, Rotterdam
COLOR, DRY—2,862 lbs, President Roosevelt, Havre
CORN FLOUR—10,463 lbs, Marna, Callao; 7,050 lbs, Oriente, Havana; (Jamaica) 672 lbs, Belize; 71,000 lbs, Barranquilla; 1,420 lbs, Chiriqui, Havana
SUGAR—63,437 lbs, Alex Van Opstal, Antwerp
SYRUP—(Nardana) 1,504 lbs, Auckland; 22,510 lbs, Lyttelton; 1,890 lbs, Talamanca, Panama; (Blankaholm) 38,281 lbs, Norrkoping; 45,713 lbs, Stockholm; 3,526 lbs, Puerto Rico, San Juan; 1,503 lbs, Pastores, Porto Cortes; 18,785 lbs, Chiriqui, Havana
CYANIDE—15,010 lbs, Havana, Vera Cruz
DEXTRIN—7,050 lbs, Oriente, Havana; 29,664 lbs, American Banker, London
DIACETONE—4,779 lbs, Brasil, Buenos Aires
DICHLORODIFLUOROMETHANE — 476 lbs, Saturnia, Trieste
DYES—1,512 lbs, Alex Van Opstal, Antwerp; 2,490 lbs, President Roosevelt, Hamburg; 3,404 lbs, Blankaholm, Rotterdam; 4,773 lbs, Brasil, Santos
DYEWOOD EXTRACT—2,850 lbs, American Importer, Liverpool
ETHER—745 lbs, Panamanian, Barranquilla
ETHYL ACETATE—3,612 lbs, Armadale, Melbourne
SILICATE—273 lbs, Black Gull, Rotterdam
FERRITES—16,080 lbs, Santos, Buenos Aires
FERTILIZER—20,400 lbs, Borinquen, San Juan; 12,625 lbs, Pastores, Porto Barrios
FLOTATION REAGENT—17,750 lbs, Brasil, Buenos Aires
FUNGICIDE—4,870 lbs, Brasil, Buenos Aires
GASOLINE—30 gls, Nardana, Sydney; 5,500 gls, Harmodius, Port Louis
GLASS, PLATE—(Armadale) 7,210 lbs, Sydney; 6,622 lbs, Melbourne
GLUCOSE, SOLID—(Nardana) 8,460 lbs, Auckland; 7,050 lbs, Dunedin
GLUE—2,124 lbs, Collamer, Havre
DRY—5,020 lbs, Alex Van Opstal, Antwerp
GLYCERIN—2,400 lbs, Marna, Buenaventura
GREASE, LUBRIC—(Nardana) 42,115 lbs, Auckland; 2,104 lbs, Wellington; 6,882 lbs, Napier; 1,762 lbs, Lyttelton; 4,142 lbs, Bluff; (Armadale) 4,622 lbs, Brisbane; 59,224 lbs, Sydney; 59,244 lbs, Melbourne; 9,660 lbs, Adelaide; (Marna) 33,897 lbs, Tocopilla; 7,029 lbs, Antofagasta; 5,960 lbs, Panama, Cristobal; 42,618 lbs, American Importer, Manchester; 29,117 lbs, Mathilda Thorden, Stockholm; 8,738 lbs, Jamaica, Barranquilla; (Musa) 1,245 lbs, Porto Armuelles; 6,593 lbs, Callao; (Sawokla) 8,513 lbs, Manila; 14,215 lbs, Iloilo; 430 lbs, Shanghai; (New Brooklyn) 1,260 lbs, Freetown; 1,202 lbs, Lome; 4,671 lbs, Santos, Santos; 2,496 lbs, President Roosevelt, Asniers; 2,091 lbs, Anita, Montevideo; 116,120 lbs, Samaria, Liverpool; 25,532 lbs, Westernland, Antwerp; (Blankaholm) 2,840 lbs, Stockholm; 2,104 lbs, Helsingfors; 18,449 lbs, Wasa; 665 lbs, Ferndale, Alexandria; (Kyusyu) 8,345 lbs, Yokohama; 28,229 lbs, Moji; 1,462 lbs, Express, Piraeus; (Estrella) 1,412 lbs, Lisbon; 5,226 lbs, Oran; 4,694 lbs, Algiers; 884 lbs, Bone; 102,555 lbs, Deutschland, Hamburg; 20,133 lbs, Transylvania, Glasgow; (Harmodius) 40,720 lbs, Capetown; 612 lbs, Mossel Bay, 33,172 lbs, Port Elizabeth; 11,335 lbs, East London; 41,520 lbs, Durban; 48,875 lbs, Lourenco Marques; (Exeter) 6,880 lbs, Alexandria; 4,529 lbs, Beirut; 846 lbs, Exhibitor, Piraeus; (Collamer) 1,036 lbs, Lille; 4,335 lbs, Dunkirk
GUM, SYNTH—14,625 lbs, American Importer, Manchester
TRAGACANTH—4,413 lbs, American Importer, Manchester
TRAGACANTH, RES—33,273 lbs, American Importer, Manchester
INSECTICIDE—7,165 lbs, Jamaica, Barranquilla; 6,300 lbs, Ferndale, Istanbul; 13,836 lbs, American Banker, London; 4,785 lbs, Exhibitor, Piraeus
AGRICULTURAL—8,169 lbs, American Importer, Liverpool
IRON OXIDE—7,228 lbs, Alex Van Opstal, Antwerp; 16,956 lbs, American Banker, London
LACQUER — (Mathilda Thorden) 11,977 lbs, Gothenburg-Stockholm; 4,385 lbs, Stockholm
THINNER—1,430 gls, Marna, Valparaiso
LARD—12,400 lbs, Coamo, San Juan; 35,338 lbs, American Importer, Liverpool; 10,257 lbs, Jamaica, Belize; 12,058 lbs, Musa, Porto Armuelles; 62,000 lbs, Westernland, Southampton; 136,280 lbs, Samaria, Liverpool; 15,875 lbs, Transylvania, Dundee; 16,625 lbs, Puerto Rico, San Juan; 25,806 lbs, Gatun, Santiago; 19,500 lbs, Exhibitor, Malta; (Santa Rosa) 8,000 lbs, Barranquilla; 8,000 lbs, Porto Cabello
LEAD, WHITE—11,856 lbs, Brasil, Santos
LINSEED CAKE—2,633,769 lbs Alex Van Opstal, Antwerp; 225,387 lbs, Collamer, Dunkirk; 225,672 lbs, Black Gull, Rotterdam
LITHOPONE—22,512 lbs, Armadale, Sydney; 2,020 lbs, Borinquen, San Juan
MAGNESIA METAL—5,738 lbs, American Importer, Manchester; 15,695 lbs, American Banker, London
MERCUROCHROME—560 lbs, Borinquen, San Juan
METHANOL—605 gls, Talamanca, Barranquilla
MOLASSES—224,791 gls, Sonard, Toronto
MOLYBDENUM CONC—129,668 lbs, Deutschland, Hamburg
NAPHTHA—(Harmodius) 17,500 gls, Farfangana; 35,000 gls, Tamatave; 65,000 gls, Point Galet, 70,000 gls, Port Louis
OIL, CASTOR—(Musa) 1,020 lbs, Amapala; 116 lbs, Corinto; 4,966 lbs, Sawokla, Manila
COALTAR—2,765 lbs, Collamer, Havre
COOKING—10,923 lbs, Coamo, San Juan
CORN—631 lbs, Nyhaug, St Thomas; (Puerto Rico) 32,271 lbs, San Juan; 8,413 lbs, Ponce; 3,527 lbs, Mayaguez
CREOSOTE—812 lbs, Jamaica, Kingston
CYLINDER—1,260 gls, Saturnia, Trieste
DIESEL—8,250 gls, New Brooklyn, Port Bouet
EDIBLE—4,149 lbs, Marna, Buenaventura
ESSENTIAL—246 lbs, Puerto Rico, San Juan
LUBRICATING—(Marna) 1,630 gls, Buenaventura; 1,650 gls, Guayaquil; 5,610 gls, Callao; 20,900 gls, Tocopilla; 4,630 gls, Valparaiso; 3,245 gls, San Antonio; 6,460 gls, Talcahuano; (Santa Maria) 1,925 gls, Iquiqui; 3,300 gls, Pisco; 1,375 gls, Paita; 9,675 gls, Callao; 4,325 gls, Antofagasta; 6,600 gls, Valparaiso; 4,125 gls, Panama, Corinto; 3,575 gls, Nieuw Amsterdam, Rotterdam; (American Importer) 3,060 gls, Belfast; 23,105 gls, Manchester; 6,050 gls, Liverpool; 3,300 gls, Mathilda Thorden, Norrkoping; (Nyhaug) 3,300 gls, Port Spain; 7,590 gls, Paramaribo; (Jamaica) 3,300 gls, Kingston; 3,135 gls, Barranquilla; (Musa) 6,600 gls, Tela; 825 gls, Porto Armuelles; 3,895 gls, Panuco, Tampico; (Sawokla) 1,125 gls, Iloilo; 650 gls, Cebu; 40,490 gls, Haiphong; (New Brooklyn) 1,185 gls, Las Palmas; 1,260 gls, Dakar; 4,840 gls, Freetown; 5,600 gls,

OIL, LUBRICATING (Continued):—
Port Bouet; 8,580 gls, Takoradi; 1,650 gls, Cape Coast; 1,375 gls, Saltpond; 6,800 gls, Accra; 2,825 gls, Lome; 10,450 gls, Burutu; 3,735 gls, Sapele; 1,650 gls, Port Harcourt; 2,800 gls, Calabar; (Santos) 9,075 gls, Santos; 1,485 gls, Buenos Aires; 9,035 gls, President Roosevelt, Havre; (Anita) 1,925 gls, Montevideo; 31,305 gls, Buenos Aires; (Nordkap) 1,550 gls, Rio de Janeiro; 7,700 gls, Santos; (Samaria) 16,250 gls, Liverpool; 3,920 gls, Birkenhead; (Westernland) 1,285 gls, Rotterdam; 4,680 gls, Antwerp; 2,486 gls, Brussels; (Blankaholm) 550 gls, Gothenburg; 735 gls, Norrkoping; 5,775 gls, Stockholm; 2,585 gls, Helsingfors; 825 gls, Kalmar; (Volendam) 8,657 gls, Rotterdam; 10,970 gls, Amsterdam; (Saturnia) 11,550 gls, Algiers; 2,772 gls, Venice; 16,010 gls, Fiume; (Ferndale) 3,906 gls, Lisbon; 825 gls, Alexandria; 770 gls, Beirut; 5,500 gls, Istanbul; (Kyusyu) 60,885 gls, Yokohama; 3,010 gls, Tsingtao; 11,000 gls, Kobe; 3,135 gls, Tyrrifjord, Bilbao; (Harmodius) 9,745 gls, Capetown; 6,150 gls, Mossel Bay; 2,200 gls, East London; 23,210 gls, Durban; 28,340 gls, Lourenco Marques; 550 gls, Beira; 275 gls, Mozambique; 1,300 gls, Farfangana; 600 gls, Tamatave; 6,860 gls, Point Galet; 10,255 gls, Port Louis; 1,008 tons, Barbarigo, Fiume-Vado; 5,850 gls, California, Glasgow; (Exeter) 11,320 gls, Marseilles; 2,200 gls, Philippeville; 825 gls, Bone; 4,455 gls, Tunis; 210 gls, Naples; 9,625 gls, Alexandria; 1,045 gls, Beirut; 11,886 gls, Black Gull, Rotterdam; 46,275 gls, American Banker, London; 4,620 gls, Exhibitor, Piraeus; (Collamer) 39,312 gls, Havre; 220 gls, Lille; 1,905,316 gls, Voco, Avonmouth and Bowling; 6,325 gls, Chiriqui, Havana; (Express) 10,725 gls, Piraeus; 28,600 gls, Istanbul; (Estrella) 2,226 gls, Leixoes; 275 gls, Bissao; 275 gls, San Thome; 5,115 gls, Mossamedes; 2,475 gls, Casablanca; 1,925 gls, Algiers; 2,750 gls, Bone; 8,400 gls, Marseilles; (Deutschland) 92,988 gls, Hamburg; 630 gls, Budapest; (Transylvania) 4,112 gls, Dundee; 825 gls, Glasgow; (Nardana) 114,106 gls, Sydney; 112,465 gls, Wellington; 1,925 gls, Napier; 3,630 gls, New Plymouth; 27,962 gls, Lyttelton; 35,090 gls, Dunedin; 5,885 gls, Bluff; 2,750 gls, Timaru; (Armadale) 180,565 gls, Sydney; 180,565 gls, Melbourne; 45,320 gls, Adelaide; 9,350 gls, Havana, Vera Cruz
MOTOR—4,200 gls, Saturnia, Trieste
OLEO—7,071 lbs, Alex Van Opstal, Antwerp; 28,332 lbs, Westernland, Antwerp; 23,695 lbs, Volendam, Rotterdam; 35,256 lbs, Transylvania, Glasgow; 13,441 lbs, Black Gull, Rotterdam
PALM COMP—734,583 lbs, Tercero, Buenos Aires
PEPPERMINT—670 lbs, American Importer, Manchester; 163 lbs, Blankaholm, Norrkoeping; 400 lbs, Transylvania, Glasgow; 281 lbs, Deutschland, Hamburg
PINE—3,520 lbs, New Brooklyn, Por Bouet; 1,421 lbs, Estrella, Casablanca
TANNIC—2,997 lbs, Westernland, Antwerp
TRANSFORMER—275 gls, New Brooklyn, Takoradi
PAINT—(Marna) 11,453 lbs, Buenaventura; 33,137 lbs, Callao; (Mathilda Thorden) 11,600 lbs, Gothenburg-Stockholm; 6,665 lbs, Stockholm; 9,679 lbs, Musa, Buenaventura; 10,268 lbs, Brasil, Buenos Aires
CREOSOTE—11,725 lbs, Musa, Puntarenas
PREPARED—2,160 lbs, Talamanca, Kingston; 2,280 lbs, Brasil, Rio Janeiro
THINNER—22,750 gls, Tercero, Santos; 2,750 gls, Blankaholm, Stockholm
PARAFFIN—45,212 lbs, Santa Maria, Mollendo; 22,244 lbs, Panama, Corinto; 237,544 lbs, American Importer, Manchester; 22,050 lbs, Musa, Salaverry; 66,750 lbs, Blankaholm, Stockholm; 69,854 lbs, Saturnia, Trieste; 90,277 lbs, Deutschland, Hamburg; 22,687 lbs, California, Glasgow; 11,151 lbs, Exeter, Naples; (Exhibitor) 113,170 lbs, Malta; 11,275 lbs, Piraeus; 22,302 lbs, Santa Rosa, Barranquilla; 50,139 lbs, Chiriqui, Port Limon
SCALE—31,380 lbs, Nardana, Wellington; 85,519 lbs, American Importer, Manchester; 134,525 lbs, Sawokla, Haiphong; 9,960 lbs, Westernland, Rotterdam
PETROLATUM, MED—16,460 lbs, Armadale, Melbourne
PETROLEUM, REFD—750 gls, Nyhaug, Paramaribo; 1,000 gls, New Brooklyn, Las Palmas; 25,000 gls, Estrella, Lisbon; (Harmodius) 12,500 gls, Farfangana; 15,000 gls, Tamatave; 12,500 gls, Point Galet; 60,000 gls, Port Louis
PITCH—33,042 lbs, Tercero, Buenos Aires
POTASH, CAUSTIC—6,012 lbs, Havana, Vera Cruz; 57,728 lbs, American Importer, Manchester
CAUSTIC FLAKE—9,612 lbs, Armadale, Sydney
RESIN, SYNTH—2,757 lbs, American Importer, Liverpool; 16,666 lbs, Samaria, Liverpool; 10,965 lbs, Collamer, Havre
ROSIN—10,610 lbs, American Importer, Liverpool; 2,304 lbs, Blankaholm, Gothenburg; 1,965 lbs, Deutschland, Hamburg; 3,198 lbs, American Banker, London
SOAP—(Puerto Rico) 2,800 lbs, Ponce; 5,600 lbs, Mayaguez
LAUNDRY—5,750 lbs, Puerto Rico, Mayaguez
TOILET—7,398 lbs, Borinquen, San Juan; 6,304 lbs, Tyrrifjord, Lourenco Marques
SODA ASH—433,722 lbs, Marna, Callao; (Panama) 13,170 lbs, Panama; 1,300 lbs, Amapala; 60,118 lbs, Oriente, Havana; 223,112 lbs, Jamaica, Cartagena; 3,120 lbs, Samaria, Liverpool; 15,160 lbs, American Banker, London; 51,950 lbs, Chiriqui, Havana; (Panamanian) 22,200 lbs, Buenaventura; 6,764 lbs, Valparaiso
BICARBONATE—10,100 lbs, Jamaica, Cartagena; 2,525 lbs, Musa, Puntarenas; 6,604 lbs, Panuco, Tampico; 11,000 lbs, Talamanca, Cartagena; 2,524 lbs, Pastores, Porto Barrios; 7,575 lbs, Chiriqui, Port Limon; 6,120 lbs, Panamanian, Buenaventura
CARBONATE—1,649 lbs, Brasil, Rio Janeiro; 9,350 lbs, Gatun, Santiago
CAUSTIC—(Marna) 13,571 lbs, Pisco; 275,903 lbs, Valparaiso; (Santa Maria) 10,104 lbs, Callao; 128,140 lbs, Valparaiso; (Panama) 17,974 lbs, Guayaquil; 1,440 lbs, Amapala; 17,963 lbs, Leif, Ciudad; 17,956 lbs, Borinquen, Ciudad; 7,190 lbs, Jamaica, Buenaventura; 15,440 lbs, Talamanca, Cartagena; 381,504 lbs, Panuco, Tampico; 65,772 lbs, Santos, Santos; (Nordkap) 220,110 lbs, Rio de Janeiro; 36,012 lbs, Santos; 2,151 lbs, Pastores, Porto Barrios; 8,604 lbs, Gatun, Guantanamo; (Panamanian) 7,668 lbs, Valparaiso; 7,180 lbs, Puntarenas
CAUSTIC SOL—14,400 lbs, Talamanca, Cartagena
CYANIDE—21,551 lbs, Marna, Pisco; 52,800 lbs, Panama, Corinto
HYPOSULPHITE—11,420 lbs, Brasil, Rio de Janeiro
PHOSPHATE, TRI—28,660 lbs, Nardana, Lyttelton; 90,412 lbs, Santa Rosa, Barranquilla
PYROPHOSPHATE—11,499 lbs, Alex Van Opstal, Antwerp
SILICATE—2,415 lbs, Musa, San Juan
SULPHATE—14,330 lbs, Jamaica, Buenaventura
SULPHIDE—3,988 lbs, Brasil, Rio Janeiro
STARCH, CORN—56,500 lbs, American Importer, Belfast; 1,093 lbs, Nyhaug, St Thomas; (Sawokla) 19,885 lbs, Manila; 1,193 lbs, Hongkong; (Puerto Rico) 16,076 lbs, San Juan; 550 lbs, Ponce; 1,190 lbs,

STARCH, CORN (Continued):—
Mayaguez; (Ewa) 1,265 lbs, Honolulu; 4,583 lbs, Hilo; 1,750 lbs, Port Allen; 33,840 lbs, Exeter, Alexandria
SULPHANILIMIDE—1,298 lbs, Alex Van Opstal, Antwerp
SULPHUR—22,700 lbs, Transylvania, Glasgow; 15,150 lbs, Musa, Buenaventura
TANNING EXTRACT—24,242 lbs, Brasil, Buenos Aires
TITANIUM DIOXIDE—6,232 lbs, Tercero, Buenos Aires
TOLUOL—2,815 gls, Tercero, Buenos Aires
TURPENTINE—220 gls, Marna, Buenaventura; 1,750 gls, Tercero, Buenos Aires
VARNISH—1,507 lbs, Brasil, Buenos Aires; 1,037 lbs, Mathilda Thorden, Stockholm; 3,184 lbs, Jamaica, Cartagena; 13,674 lbs, Black Gull, Rotterdam
WITCH HAZEL EXTRACT—2,480 lbs, Armadale, Sydney
ZINC OXIDE—708 lbs, Brasil, Buenos Aires; 18,326 lbs, Marna, Callao

Baltimore Exports
Clearance Dates

Beemsterdijk, May 22; Black Heron, May 29; Frida, May 24; Hjelmaren; May 27; San Clemente, May 26; Scanpenn, May 22; Thule, May 27; West Imboden, May 24; Yamazato, May 29; Tweedbank, May 31

ACID, CHROMIC—11,000 lbs, Beemsterdijk, Rotterdam
ALCOHOL, BUTYL—170 lbs, San Clemente, Peru
CADMIUM LITHOPONE—1,120 lbs, West Imboden, London; 400 lbs, Hjelmaren, Stockholm
CLEANER—1,458 lbs, West Imboden, London
CLAY—3,492 lbs, Frida, Santiago, Chile; 50 lbs, Thule, Sao Paulo
COLOR DRY—138 lbs, Thule, Sao Paulo; 1,722 lbs, San Clemente, Colombia
DIBUTYL PHTHALATE—480 lbs, San Clemente, Peru
EARTH, DRY—1,722 lbs, San Clemente, Colombia
ETHER—300 lbs, San Clemente, Peru
ETHYL ACETATE—397 lbs, San Clemente, Peru
GLASS FRIT, CRSHD—82,100 lbs, Frida, Santiago, Chile
GREASE, LUBRIC—2,050 lbs, Beemsterdijk, Rotterdam; (Scanpenn) 6,100 lbs, Helsinki; 10,195 lbs, Stockholm; 1,990 lbs, Copenhagen; 5,317 lbs, San Clemente, Chile; 12,394 lbs, Hjelmaren, Stockholm
INSECTICIDE—792 lbs, West Imboden, London; 884 lbs, San Clemente, Peru; 66 lbs, Hjelmaren, Karlstad
NICOTINE SULPHATE—2,000 lbs, Yamazato Maru, Buenos Aires
NITROCELLULOSE SOLUT—433 lbs, San Clemente, Peru
OIL, CREOSOTE—10,017 gls, Frida, San Antonio
FLOTATION—60,000 lbs, Frida, San Antonio
LUBRICATING—24,523 gls, Beemsterdijk, Rotterdam
OPACIFIER—440 lbs, Thule, Sao Paulo
PITCH, COALTAR—10,099 lbs, San Clemente, Panama
POLISH—8,465 lbs, West Imboden, London
PORCELAIN ENAMEL FRIT—19,720 lbs, Thule, Sao Pualo
SODA ASH—112,000 lbs, Tweedbank, Manila
BICHROMATE—77,161 lbs, Beemsterdijk, Rotterdam; 18,144 lbs, Black Heron, Antwerp
CAUSTIC—(Thule) 66,100 lbs, Porto Alegre; 33,050 lbs, Rio Grande
TITANIUM LITHOPONE—2,000 lbs, Hjelmaren, Helsingborg

Beaumont Exports
Clearance Dates

Fagerfjell, May 20; Josefina Thorden, May 22; Norvinn, May 20; Stella Lykes, May 18

HELIUM—6 cyl, Stella Lykes, San Juan
OIL, GAS—73,271 bbls, Norvinn, Rotterdam
PETROLEUM, CRUDE—94,364 bbls, Fagerfjell, Montreal; 5,500 tons, Josefina Thorden, Manchester

Boston Exports
Clearance Dates

American Merchant, May 29; Black Tern, June 3; Blommersdijk, June 1; California, June 1; Exochorda, June 4; President Monroe, May 29; San Benito, June 1; Scythia, May 27; West Imboden, May 29

ALUMINA OXIDE—360 bgs, 23 kgs, 2 bxs, 43,112 lbs, West Imboden, London
CEMENT, CAN—35 dms, 6,091 lbs, West Imboden, London
RUBBER—7 dms, 378 gls, President Monroe, Manila; (San Benito) 1 dm, 222 lbs, San Jose; 2 cs, 18 gls, Havana; 5 cs, 150 gls, Panama
CLAY—313 bbls, 39 tons, West Imboden, London
CLEANER—4 crts, 206 lbs, Exochorda, Beirut
CYCLOHEXYLAMINE—1 bx, 5 lbs, West Imboden, Manchester
DISINFECTANT, COALTAR—50 bbls, 1,800 gls, San Benito, Havana
DRESSING, BELT—1 dm, 1 cs, 452 lbs, West Imboden, London
LEATHER—2 dms, 734 lbs, President Monroe, Manila; 22 bbls, 10 cans, 2 kgs, 11,919 lbs, Scythia, Leicester; 1 bbl, 400 lbs, West Imboden, Leicester; 1 kg, 86 lbs, San Benito, San Jose
SHOE—91 cs, San Benito, Havana
FLUX—2 dms, 1,400 lbs, President Monroe, Hongkong; 1 dm, 700 lbs, Exochorda, Cairo; 1 dm, 135 lbs, Black Tern, Rotterdam
GLUE—2 cs, 330 lbs, Scythia, Bombay; 1 cs, 135 lbs, West Imboden, London
MARINE—28 ctns, 278 lbs, President Monroe, Manila
GUM—1 dm, 268 lbs, Black Tern, Wiltz
SYNTHETIC—1 bbl, 100 lbs, West Imboden, London
INK, MARKING—1 cs, 23 lbs, West Imboden, Tammerfors
PRINTING—200 dms, 87,647 lbs, California, Glasgow; 2 cs, 65 lbs, San Benito, Havana
WHITING—1 cs, President Monroe, Manila
LACQUER—28 cans, 140 gls, Black Tern, Wiltz
LARD—250 bxs, 14,000 lbs, Scythia, Liverpool
LINING COMP—(West Imboden) 80 dms, 400 gls, Hamburg; 15 dms, 171 gls, Goteborg; 12 dms, 624 gls, Blommersdijk, Rotterdam; 12 dms, 659 gls, San Benito, Havana; 5 dms, 169 gls, Exochorda, Cairo; (Black Tern) 36 dms, 1,908 gls, Rotterdam; 60 dms, 11,409 lbs, Antwerp
MEDICINAL PREPS—680 bxs, 3,400 gls, American Merchant, London; 805 bxs, 3,925 gls, West Imboden, London
OIL, CASTOR, SULPHON—26 bbls, 11,268 lbs, Scythia, Liverpool

OIL, FISH—12 bbls, 5,917 lbs, Exochorda, Marseilles
LUBRICATING—3 cs, 50 gls, Scythia, Liverpool; 25 dms, 125 gls, West Imboden, London; 10 dms, 350 lbs, Black Tern, Antwerp
PAINT—1 kg, 56 lbs, West Imboden, London
PASTE, ADHES—1 cs, President Monroe, Manila; (West Imboden) 206 dms, 6 cans, 9,867 lbs, London; 20 dms, 920 lbs, Ystad; 10 dms, 410 lbs, Blommersdijk, Rotterdam; 2 pkgs, San Benito, Panama
PEPPER, WHITE—1 cs, 100 lbs, President Monroe, Manila
PITCH, COALTAR—20 kgs, 1,893 lbs, San Benito, Havana
POLISH—(San Benito) 15 ctns, 238 lbs, Havana; 38 ctns, 364 lbs, Panama
SILICA, GR—1 cs, 20 lbs, West Imboden, Manchester
SODA, SILICATE—10 dms, 3,600 lbs, Scythia, Birmingham
STAIN, SHOE—1 cs, 37 lbs, West Imboden, London
STARCH, POTATO—1 bg, 224 lbs, Blommersdijk, Rotterdam
TANNING EXTRACT—4 pails, 272 lbs, San Benito, Havana
TOILET PREPS—2 cs, 379 lbs, San Benito, Colon
WAX, SHOE—1 cs, 20 lbs, President Monroe, Manila; 30 cs, 1,530 lbs, San Benito, Havana
TAILINGS—30 bbls, 13,660 lbs, Scythia, Liverpool

Corpus Christi Exports
Clearance Dates

Bacicin Padre, May 20; Christian Holm, May 21; Inverlee, May 23; Luxor, May 21

GASOLINE—81,625 bbls, Luxor, Curacao
OIL, FUEL—59,459 bbls, Bacicin Padre, Gibraltar
PETROLEUM, CRUDE—98,226 bbls, Christian Holm, foreign; 107,513 bbls, Inverlee, Havre

Galveston Exports
Clearance Dates

Boschdijk, May 27; British Zeal, May 24; Cranford, May 26; Emile Miguet, May 29; Franche Comte, May 25; Historian, May 27; Hybert, May 29; Mongioia, May 27; Peter Hurll, May 25

BLACK, CARBON—5 tons, Cranford, Marseilles; (Boschdijk) 29 tons, London; 10 tons, Antwerp; 1,570 bgs, 95 cs, Historian, Liverpool; (Hybert) 36 tons, Havre; 11 tons, Antwerp; 11 tons, Rotterdam;
GASOLINE—8,600 tons, Franche Comte, La Pallice
OIL, GAS—(British Zeal) 8,700 tons, Rotterdam; 3,000 tons, Amsterdam
PETROLEUM, CRUDE—121,057 bbls, Peter Hurll, Campana A R (via St Thomas, V I); 2,200 tons, Emile Miguet, Havre
SULPHUR—1,000 tons, Cranford, Marseilles; 70 tons, Boschdijk, London; 3,500 tons, Mongioia, Arzew; 15 tons, Hybert, Antwerp
TRIPOLI—91 tons, Hybert, Rotterdam

Houston Exports
Clearance Dates

American Press, May 27; Boschdijk, May 24; Chester Valley, May 24; Delaware, May 29; Emile Miguet, May 26; Historian, May 25; Hybert, May 27; Ida, May 29; Kiyokawa, May 29; Malvina, May 27; Mulheim Ruhr, May 25; Roxane, May 26

BLACK, CARBON—(Boschdijk) 150 tons, London; 75 tons, Antwerp; 25 tons, Rotterdam; (Mulheim Ruhr) 120 cs, Liverpool; 11,200 bgs, Liverpool-Manchester; (Historian) 150 cs, Liverpool; 34,750 bgs, Manchester; (Hybert) 6,890 bgs, 650 cs, Havre; 1,344 bgs, 150 cs, 7 ctns, Antwerp; 350 pkgs, Delaware, Copenhagen; (Kiyokawa) 100 tons, Yokohama; 135 tons, Kobe
BONEMEAL—1 ton, American Press, Havana
CLAY, GRD—672 bgs, Historian, Liverpool
GASOLINE, STABILIZED—1,000 tons, Emile Miguet, Havre
LUBRICANTS—150 tons, American Press, Cristobal
OIL—5 tons, Chester Valley, Port au Prince
LUBRICATING—337 tons, Ida, Fiume
PETROLEUM, CRUDE—18,000 tons, Emile Miguet, Havre; 11,000 tons, Roxane, Port de Bouc and/or Etang de Berre; 11,788 tons, Malvina, Montreal
SOAP, LIQ—1 dm, Historian, Manchester
SULPHUR—25 tons, Delaware, Gdynia
TRIPOLI—610 bgs, Historian, Manchester

Lake Charles Exports
Clearance Dates

Alar, May 25; Hybert, May 25; Stella Lykes, May 20

OIL, PINE—268 gls, Hybert, Havre
PETROLEUM, CRUDE — 107,190 bbls, Alar, Montreal
PRODUCTS—94 pkgs, Stella Lykes, Port au Prince
TURPENTINE—5,117 gls, Hybert, Antwerp

Los Angeles Exports
Clearance Dates

Albertolite, May 25; Annie Johnson, May 22; Bradford City, May 19; Capac, May 20; City of Norfolk, May 22; Dailti Ogura,, May 24; Daini Ogura, May 27; Ferncastle, May 20; Hawaiian, May 22; Hermion, May 27; Kingsley, May 19; Kyokuyo, May 24; Lochavon, May 19; Lochmonar, May 25; Norden, May 23; Omurosan, May 25; San Pedro, May 22; Sandanger, May 26; Santa Maria, May 22; Taranger, May 20; Thorsholm, May 27; Tonan, May 23; West Cactus, May 25; Yamagiri, May 25

ACETONE—1,430 lbs, Capac, Manzanillo; 460 dms, 164,690 lbs, Lochavon, Amsterdam; 124 dms, 44,400 lbs, San Pedro, Antwerp; (Annie Johnson) 20 dms, 7,160 lbs, Norrkoping; 68 dms, 24,350 lbs, Gothenburg; 33 dms, 11,820 lbs, Copenhagen; 123 dms, 44,040 lbs, Horsens; 12 dms, 4,300 lbs, Helsingfors; 92 dms, 32,940 lbs, Oslo; 939 dms, 336,190 lbs, Yamagiri, Yokohama
ACID, BORIC—(Lochavon) 1,500 bgs, 168,000 lbs, Glasgow; 200 bgs, 22,400 lbs, Rotterdam; 200 bgs, 22,050 lbs, Bradford City, Shanghai; 200 bgs, 22,400 lbs, Annie Johnson, London; 20 bgs, 2,000 lbs, Norden, Buenaventura
CRESYLIC—30 lbs, Lochavon, Amsterdam; 2,000 lbs, Capac, Amapala
SULPHURIC—180 lbs, Capac, Guatemala

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ALCOHOL, BUTYL—3 dms, 1,100 lbs, Annie Johnson, Helsingfors; 179 dms, 66,050 lbs, Yamagiri, Osaka
ASPHALT, REFD—5,730 lbs, West Cactus, Buenos Aires
BENTONITE—(Annie Johnson) 180 bgs, 17,920 lbs, Casigua; 153 bgs, 17,920 lbs, Laquimillas
BORATE—(San Pedro) 4,105 bgs, 667,010 lbs, Dunkirk; 2,660 bgs, 454,480 lbs, Rotterdam; 8,853 bgs, 1,637,600 lbs, Annie Johnson, Gdynia
BORAX—(Lochavon) 2,920 bgs, 336,000 lbs, Glasgow; 11,280 bgs, 1,263,360 lbs, Rotterdam; (San Pedro) 2,400 bgs, 280,000 lbs, Havre; 394 bgs, 44,130 lbs, Ronneby; 394 bgs, 44,130 lbs, Oporto; (Annie Johnson) 1,560 bgs, 190,400 lbs, London; 2,000 bgs, Hull; 493 bgs, 55,200 lbs, Gothenburg; 197 bgs, 22,060 lbs, Annie Johnson, Antwerp
CARBON TETRACHLORIDE—700 lbs, Capac, San Jose
CHEMICALS—1,250 lbs, Capac, Amapala
CLAY—4,400 sx, 220,000 lbs, West Cactus, Buenos Aires; 400 bgs, 22,400 lbs, Norden, Barranquilla
FILTER—40 sx, 2,000 lbs, Annie Johnson, Hull; 44 sx, 2,200 lbs, Capac, Mexico
GROUND—(Lochavon) 112 sx, 11,200 lbs, Amsterdam; 140 bgs, 14,000 lbs, Port Harcourt
CLEANER—2,700 lbs, Kingsley, Vancouver; 4,480 lbs, West Cactus, Port Spain; 1,260 lbs, Lochmonar, Vancouver; 850 lbs, Capac, Puntarenas
COTTONSEED—(Capac) 61 bgs, 6,100 lbs, La Union; 14 bgs, 1,400 lbs, Acajutla
DIATOMACEOUS EARTH — (Lochavon) 815 bgs, 78,440 lbs, Liverpool; 2,096 bgs, 212,040 lbs, Glasgow; (Taranger) 435 bgs, 44,150 lbs, Antwerp; 20 bgs, 2,000 lbs, Amsterdam; 20 bgs, 2,000 lbs, Kingsley, Vancouver; (San Pedro) 281 bgs, 26,970 lbs, Havre; 110 bgs, 11,000 lbs, Rotterdam; (Annie Johnson) 275 bgs, 22,410 lbs, London; 475 bgs, 46,800 lbs, Stockholm; 220 bgs, 22,000 lbs, Norden, Havana; 25 dms, 10,250 lbs, Capac, Guayaquil
DISTILLATE—160 dms, 56,960 lbs, Bradford City, Shanghai
ETHYL KETONE—217 dms, 79,420 lbs, San Pedro, Havre; 30 dms, 10,980 lbs, Annie Johnson, Oslo
FILM SCRAP—920 lbs, Annie Johnson, Copenhagen
GASOLINE—13,012 bbls, 3,396,130 lbs, Thorsholm, Tsurumi; 123,840 bbls, 32,322,240 lbs, Sandanger, Montreal
GREASE, LUBRIC—2,480 lbs, Capac, Amapala
INSECTICIDE — 3,200 lbs, City of Norfolk, Balboa
LACQUER—360 lbs, Capac, Santiago
THINNER—20 lbs, Capac, Santiago
LINSEED MEAL—(West Cactus) 2,350 bgs, 329,280 lbs, Port Spain; 4,000 bgs, 560,000 lbs, Bridgetown; 50 bgs, 7,060 lbs, Georgetown
OIL, DIESEL — 50,945 bbls, 15,894,840 lbs, Omurosan, Osaka-Nagoya; (Ferncastle) 14,856 bbls, 4,635,070 lbs, Shanghai; 15,823 bbls, 4,936,780 lbs, Hongkong; 128,445 bbls, 40,074,840 lbs, Kyokuyo, Sasebo; (Tonan) 57,029 bbls, 17,793,050 lbs, Tsurumi; 12,584 bbls, 3,926,210 lbs, Yokohama; 52,940 bbls, 16,517,280 lbs, Daini Ogura, Tsurumi-Osaka; 25 dms, 9,760 lbs, Capac, Champerico
EMULSIFIED—20 dms, 9,900 lbs, Norden, Callao
FUEL—7,730 bbls, 2,574,090 lbs, Kingsley, Vancouver; 23,061 bbls, 7,679,310 lbs, Omurosan, Osaka-Nagoya; 32,342 bbls, 10,769,890 lbs, Ferncastle, Shanghai
FUEL, RES—31,079 bbls, 10,349,310 lbs, Ferncastle, Hongkong; 54,302 bbls, 18,082,570 lbs, Tonan, Tsurumi; 19,501 bbls, 6,493,830 lbs, Daini Ogura, Tsurumi-Osaka
LUBRICATING—(Capac) 67 dms, 9,310 lbs, Amapala; 5 dms, 2,220 lbs, Salaverry
PAINT—3 dms, 1,560 lbs, West Cactus, Sao Paulo; 900 lbs, Capac, Santiago
THINNER—180 lbs, Capac, Santiago
PECTIN, CITROUS—690 lbs, Kingsley, Vancouver
PETROLEUM, CRUDE—41,553 bbls, 12,964,540 lbs, Santa Maria, Ioco; 74,334 bbls, 23,192,210 lbs, Daiiti Ogura, Kure; 87,024 bbls, 27,151,490 lbs, Thorsholm, Tsurumi; 65,377 bbls, 20,397,620 lbs, Albertolite, Ioco
GAS, LIQ—60 cyls, 6,000 lbs, Annie Johnson, Barranquilla
SOLVENT—20 dms, 6,050 lbs, Santa Maria, Ioco
POTASH, MURIATE—(Hermion) 13,340 bgs, 1,102,080 lbs, Yokohama; 78,360 bgs, 9,918,720 lbs, Kobe
SCHEELITE ORE—565 bgs, 33,960 lbs, Lochavon, Rotterdam
SODA—20 bgs, 2,000 lbs, Capac, La Union
ASH—30 bgs, 6,000 lbs, Capac, Corinto
SILICATE—4,000 lbs, Norden, Panama
SOLVENTS—12 dms, 79,420 lbs, San Pedro, Havre
TALC—40 sks, 4,480 lbs, Annie Johnson, Cartagena; 50 bgs, 5,600 lbs, Capac, Corinto; 100 bgs, 10,000 lbs, Norden, Buenaventura
TOILET PREPS—1,650 lbs, Hawaiian, San Juan; 550 lbs, City of Norfolk, Panama City
XANTHATE — 10 dms, 1,000 lbs, Capac, Amapala

Mobile Exports

Clearance Date

Lindvangen, May 22

CLEANER—25 cs, Lindvangen, Georgetown
FULLER'S EARTH—16 bgs, Lindvangen, Kingston
NAPHTHA—6 dms, Lindvangen, Georgetown
ROSIN—6 bbls, Lindvangen, Georgetown
TOILET PREPS—1 bx, Lindvangen, Georgetown
TURPENTINE—5 dms, Lindvangen, Kingston

New Orleans Exports

Clearance Dates

Cadmus, May 12, 29; Cefalu, May 1; Choluteca, May 18; Contessa, May 9; Cranford, May 20; Dryden, May 16; Josefina Thorden, May 29; Leerdam, May 13; Orotava, May 19; Port Antonio, May 4; Sinaloa, May 19; Tegucigalpa, May 5; Toloa, May 16; Vestvangen, May 9

ACETYLENE—1 ton, Cefalu, Puerto Cabezas
ANIMAL CHARCOAL—4 tons, Leerdam, London
ASPHALT—31 tons, Toloa, Tela
BENZOL—30 dms, Cranford, Piraeus
BLACK, CARBON—(Dryden) 900 sx, Antwerp; 225 sx, Bordeaux; (Leerdam) 9 tons, London; 10 tons, Antwerp
BLUE VITRIOL—800 tons, Orotava, Puerto Armuelles
BORAX—1 ton, Tegucigalpa, Tampico
CALCIMINE—66 kgs, Vestvangen, La Guaira
CARBON BISULPHIDE—13 tons, Cadmus, Barranquilla
CELLULOSE FILM—(Tegucigalpa) 15 tons, Tampico; 10 tons, Vera Cruz
CLAY, COMMON—27 tons, Leerdam, Antwerp
CLEANER—1 ton, Cefalu, Ceiba; 6 tons, Contessa, Havana
CORN SYRUP—35 tons, Leerdam, London
COTTONSEED HULL SHAVING PULP—385 bls, Dryden, Antwerp
DISTILLATE—44 tons, Toloa, Tela; 150 dms, Contessa, Ceiba
FIRECLAY—2 tons, Cadmus, Cartagena
GASOLINE—(Port Antonio) 1,000 dms, 173 cs, Belize; 50 dms, 200 bbls, Puerto Cortez; 160 dms, 70 bbls, Cadmus, Bluefields; (Choluteca) 100 bbls, 20 cs, Belize; 7,000 dms, 400 bbls, 250 cs, Puerto Barrios; 125 dms, Orotava, Puntarenas; (Vestvangen) 20 dms, Willemstad; 53 dms, La Guaira; 100 dms, Sinaloa, Bluefields
GREASE, LUBRIC—507 bbls, Dryden, Antwerp
GUM, CHICLE, CRUDE—19 tons, Leerdam, London
KEROSENE—450 dms, 350 cs, Port Antonio, Belize; 45 dms, 100 cs, Cadmus, Bluefields; 124 dms, 80 cs, Choluteca, Belize; 25 dms, Orotava, Puntarenas; 50 cs, Sinaloa, Bluefields
LARD—625 dms, 100 cs, 50 tins, Port Antonio, Santiago; 300 tins, 20 dms, Toloa, Puerto Barrios; (Choluteca) 100 crts, Guantanamo; 860 dms, 170 tins, 225 cs, 60 crts, Santiago; (Orotava) 200 tins, Panama; 300 tins, Puntarenas; 1,000 tins, Buenaventura; 650 tins, Guayaquil; (Vestvangen) 710 tins, 50 cs, Port au Prince; 1,400 tins, Ciudad Trujillo; 300 tins, San Pedro de Macoris; 417 tins, Willemstad; 350 tins, Puerto Cabello; 2,400 tins, La Guaira; 50 crts, Sinaloa, Bluefields; (Contessa) 600 tins, Puntarenas; 450 crts, Guayaquil; 125 tins, Panama City; 250 tins, Panama; 70 crts, Puerto Cabezas; (Cefalu) 700 tins, Buenaventura; 200 tins, Guayaquil; 50 tins, Panama; (Cadmus) 75 crts, Bluefields; 6,100 tins, Barranquilla; 5,800 tins, Cartagena; 950 tins, Santa Marta
NAPHTHALENE—1 ton, Tegucigalpa, Tampico
OIL, CREOSOTE—1 ton, Tegucigalpa, Vera Cruz
CYLINDER—107 bbls, Dryden, Bordeaux
DIESEL—350 dms, Port Antonio, Belize; 550 bbls, Vestvangen, Moengo; 700 bbls, Contessa, Puerto Cabezas
FUEL—30 dms, Cadmus, Bluefields; 30 dms, Choluteca, Santiago; 285 bbls, 200 dms, Orotava, Puntarenas; 1,400 bbls, Vestvangen, Moengo; 30 dms, Sinaloa, Bluefields; 2,000 bbls, Contessa, Ceiba; 1,500 bbls, Cefalu, Ceiba
GAS—100 dms, Port Antonio, Belize
LUBRICATING—142 dms, 65 crts, 10 cs, 72 ctns, Toloa, Puerto Barrios; 107 pkgs, Vestvangan, Willemstad; 5 dms, Cefalu, Ceiba; 65 bbls, Cranford, Genoa; (Dryden) 252 bbls, Antwerp; 134 bbls, Bordeaux; 18 tons, Leerdam, London
PINE—18 dms, Cranford, Marseilles
REFINED—30 dms, Choluteca, Puerto Barrios
PAINT—1 ton, Sinaloa, Bluefields; 1 ton, Contessa, Panama City
MATERIALS—40 ctns, Vestvangen, La Guaira
PARAFFIN—5 tons, Orotava, Salaverry; (Contessa) 5 tons, Arica; 83 tons, Valparaiso; (Cadmus) 22 tons, Barranquilla; 10 tons, Cartagena; 56 tons, Leerdam, London; 28 tons, Tegucigalpa, Vera Cruz
PETROLEUM—143 bbls, Dryden, Bordeaux
CRUDE—3,900 tons, Josefina Thorden, Manchester
PINETAR—1 ton, Choluteca, Belize
ROSIN—23 tons, Contessa, Guayaquil
GUM—18 tons, Orotava, Buenaventura; 19 tons, Contessa, Panama; (Cadmus) 66 tons, Barranquilla; 49 tons, Cartagena
SALT—27 tons, Cadmus, Bluefields; 6 tons, Toloa, Tela; 1 ton, Orotava, Puntarenas; 3 tons, Sinaloa, Bluefields; 25 tons, Contessa, Havana; (Cefalu) 30 tons, Havana; 1 ton, Ceiba
SOAP—1 ton, Cadmus, Bluefields
SODA, CAUSTIC—2 tons, Cadmus, Bluefields
SOYBEAN CAKE—101 tons, Leerdam, Antwerp
MEAL—138 sks, Vestvangen, La Guaira
STARCH, CORN—10 tons, Cefalu, Havana
TRIPOLI—300 sks, Dryden, Antwerp
TURPENTINE, WOOD — 1 ton, Choluteca, Kingston
VARNISH—1 ton, Tegucigalpa, Tampico
WAX, MINERAL—34 sks, Dryden, Bordeaux; 6 tons, Leerdam, London
WOOD PRESERVATIVE—1 ton, Choluteca, Kingston
ZINC OXIDE—2 tons, Cefalu, Havana

Norfolk Exports

Clearance Dates

Black Heron, May 25; Kota Agoeng, May 29; Montreal City, May 31; West Imboden, May 26

ACETONE—60 dms, 24,780 lbs, Black Heron, Antwerp; 75 dms, West Imboden, London
ACID, CAPROIC—1 dm, West Imboden, London
BARK — 13 bls, 5,322 lbs, West Imboden, Santos
BUTYL ACETATE—50 dms, West Imboden, London
DIBUTYL PHTHALATE — 5 dms, 2,610 lbs, Black Heron, Antwerp
ETHER SULPHURIC—1 dm, 31 lbs, Black Heron, Antwerp
ETHLYENEGLYCOL MONOETHYLETHER—198 dms, West Imboden, London; 20 dms, 9,200 lbs, Black Heron, Antwerp
INSECTICIDE, LIQ—1 dm, 410 lbs, Montreal City, Bristol
ISOPROPYL ACETATE—20 dms, 8,600 lbs, Black Heron, Antwerp
ETHER—1 dm, West Imboden, London
MAGNESIA CHLORIDE—124 dms, 35,976 lbs, West Imboden, London
OIL, CEDARWOOD—15 dms, 7,385 lbs, Black Heron, Rotterdam
PAINT SOLVENT—20 dms, 12,833 lbs, West Imboden, London
PROPYLENE—2 cyls, West Imboden, London
SODA, CAUSTIC—(Kota Agoeng) 20 dms, 13,560 lbs, Tegal; 250 dms, 169,500 lbs, Semarang; 500 dms, 339,000 lbs, Sourabaya; 150 dms, 101,700 lbs, Cheribon
SOYBEANS—18,666 bu, Black Heron, Antwerp
STARCH—1,600 bgs, 225,600 lbs, West Imboden, London
TANNING EXTRACT—212 bbls, 75 bgs, 137,892 lbs, Montreal City, Bristol
WITCH HAZEL LEAVES—5 bls, 1,737 lbs, City of Flint, Hamburg

Philadelphia Exports

Clearance Dates

Arimasan, June 3; Besholt, June 1; Exermont, May 31; Moira, June 3; Mormacport, May 29; Noordam, May 25; Pipestone County, May 29; Rydboholm, May 29; San Felipe, May 31; Siamese Prince, May 31; Tweedbank, May 29

ASBESTOS POWDER—1 dm, Rydboholm, Stockholm
CEMENT, GASKET—1 cs, Mormacport, Helsingfors
RUBBER—1 cs, Besholt, Manila
CHEMICALS—30 pkgs, Noordam, Amsterdam
COCOA CAKE—640 bgs, Noordam, Amsterdam
DICHLORODIFLUOROMETHANE — 5 cyls, Mormacport, Stockholm
GLASS, PLATE—9 cs, San Felipe, Cristobal
GLUE—1 bx, Mormacport, Gothenburg
GREASE, LUBRIC—42 pkgs, Noordam, Rotterdam; 8 dms, 10 pls, Mormacport, Gothenburg; (Rydboholm) 2 dms, 2 cs, Stockholm; 1 bbl, Helsingfors; 3 pkgs, Pipestone County, Havre; 10 pkgs, Siamese
GREASE, LUBRIC—(Continued):—
Prince, Manila; 300 dms, Besholt, Hongkong
INSECTICIDE—5 cs, Exermont, Istanbul
LICORICE CRYSTALS—2 pkgs, Noordam, Batavia
LINSEED CAKE—1,116 bgs, Noordam, Rotterdam
OIL, ILLUMINATING — 60 bbls, Mormacport, Copenhagen
LUBRICATING—(Noordam) 1,761 bbls, 125 pkgs, Rotterdam; 18 pkgs, The Hague; 200 pkgs, Newcastle; 49 pkgs, Hilversum; (Tweedbank) 425 dms, 460 cs, Shanghai; 400 dms, 315 cs, Hongkong; (Mormacport) 145 ctns, 85 pkgs, Gothenburg; 60 bbls, Stockholm; 274 pkgs, Helsingfors; (Rydboholm) 35 bbls, 7 3 dms, 4 cs, 1 crt, Stockholm; 3 cs, 3 dms, Norrkoeping; 5 cs, Helsingfors; 5 bbls, 2 dms, Gothenburg; 8 dms, Malmo; 8 dms, Helsingfors; (Pipestone County) 120 pkgs, Havre; 600 pkgs, Bordeaux; (Siamese Prince) 75 pkgs, Manila; 14 pkgs, Cebu; 362 pkgs, Saigon; (Exermont) 50 dms, Piraeus, 137 cs, Istanbul; (San Felipe) 10 dms, San Jose; 40 dms, Baranquilla; 14,018 bbls, Moire, Liverpool
NEATSFOOT—52 pkgs, Noordam, Rotterdam; 30 pkgs, Pinestone County, Havre
PAINT—5 dms, Mormacport, Gothenburg
SOLVENT—1 cs, Mormacport, Helsingfors
PARAFFIN—(Rydboholm) 294 bbls, Stockholm; 84 bbls, Stugsund
PETROLEUM DISTILLATE—1,507 tons, Arimasan, Tokuyama
POLISH—58 cs, San Felipe, Panama
RUBBER SOLUT—40 dms, Rydboholm, Gothenburg
RUTILE—8 dms, Rydboholm, Stugsund
SILICA—1,000 bgs, San Felipe, Helsingfors
TITANIUM DIOXIDE—20 pkgs, Noordam, Rotterdam
UREA, CRYSTAL—110 bgs, Mormacport, Stockholm

Port Arthur Exports

Clearance Dates

Cranford, May 22; Germania, May 23; Good Gulf, May 23; Norness, May 23; Teseo, May 24

ASPHALT—(Germania) 124 dms, Stockholm; 10 cs, 93 bbls, Malmo; 2 bxs, Germania, Stockholm
GASOLINE—(Germania) 87,874 bbls, Stockholm and/or Malmo; 1 pail, Stockholm; 115,443 bbls, Norness, Montreal
GREASE, LUBRIC—(Germania) 203 dms, 166 cs, Malmo; 85 cs, 6 dms, Stockholm; 44 bbls, Teseo, Genoa
OIL, DIESEL FUEL—20,811 bbls, Germania, Stockholm and/or Malmo
FUEL—6,432 bbls, Good Gulf, Antwerp
GAS—56,075 bbls, Good Gulf, Antwerp
LUBRICATING—(Germania) 902 dms, 160 cs, Stockholm; 426 dms, 258 cs, Malmo; 15,861 bbls, 163 dms, Good Gulf, Antwerp
LUBRICATING, BLACK—25 dms, Cranford, Venice; (Teseo) 185 dms, Genoa; 30 dms, Naples; 50 bbls, Civitavecchia
LUBRICATING, PALE—(Cranford) 159 bbls, Trieste; 5 dms, 135 bbls, 25 hlf bbls, Venice; 110 bbls, Fiume; (Teseo) 30 dms, 463 bbls, 10 hlf bbls, Genoa; 5 dms, 150 bbls, 18 hlf bbls, Naples
PARAFFIN—2,500 bgs, Cranford, Venice; 904 bgs, Teseo, Genoa

San Francisco Exports

Clearance Dates

Asama, May 15; City of Derby, May 12; City of San Francisco, May 13; Corneville, May 13; Hoegh Silverlight, May 10; La Placentia, May 12; Modjokerto, May 16; Nissin, May 16; President Polk, May 13; Rosebank, May 13; Silveryew, May 13

ACETONE—5 dms, Hoegh Silverlight, Bombay; (Modjokerto) 20 dms, East London; 40 dms, Capetown; 110 dms, Durban; 10 dms, Mossel Bay; 40 dms, Port Elizabeth
ACID, ACETIC—4 crbys, Rosebank, Vancouver
BORIC—40 sks, Rosebank, Vancouver
INORGANIC—2 cs, President Polk, Kunming
MURIATIC—40 cs, 25 crbys, Rosebank, Vancouver
NITRIC—31 cs, 15 crbys, Rosebank, Vancouver
SULPHURIC—26 cs, 5 crbys, Rosebank, Vancouver
ALBUMEN, POWD—1 cs, City of San Francisco, Barranquilla
ALCOHOL, BUTYL—1 dm, Modjokerto, Port Elizabeth
DENATURED—1 cs, President Polk, Hongkong
AMMONIA—1 dm, 25 cs, Rosebank, Vancouver
ANHYDROUS—(President Polk) 25 cyls, Singapore; 45 cyls, Manila
ASPHALT—(Hoegh Silverlight) 3,764 dms, Batavia-Samarang-Sourabaya; 246 dms, Colombo; (Corneville) 491 bbls, Samarang-Batavia; 10 bbls, Bangkok; 1,235 bbls, Sourabaya; 52 bbls, Batavia; 152 bbls, Cheribon; 5,015 dms, Haiphong; (President Polk) 9 bbls, Ras Tanura; 2,423 dms, Singapore; 24 dms, Osaka; (Silveryew) 85 dms, Shanghai; 25 dms, Manila; 24 dms, Hongkong; (Modjokerto) 304 dms, Capetown; 30 dms, Lourenco Marques; 300 bdls, 1,305 dms, Durban; 1 sk, Rosebank, Vancouver
CRUDE—(President Polk) 65 sks, Osaka; 30 sks, President Polk, Kobe
GILSONITE—5 sks, President Polk, Yokohama
BLUE, LAUNDRY—40 cs, President Polk, Manila
BONEFLOUR—400 sks, Rosebank, Vancouver
BORAX—34 sks, City of Derby, China
BUTYL ACETATE—1 dm, Modjokerto, Port Elizabeth
CARBIDE—10 dms, President Polk, Manila
CARBON DIOXIDE—90 cyls, President Polk, Manila
CEMENT, ROOF—(Modjokerto) 3 cs, George; 2 cs, Lourenco Marques; 20 pls, Beira; 36 cs, Durban; 12 dms, Capetown; 2 cs, Walvis Bay
VULCANIZING—(Modjokerto) 10 cs, Mombasa; 10 cs, Port Elizabeth; 20 cs, Durban
CHEMICALS—1 cs, Hoegh Silverlight, Manila; (President Polk) 6 cs, Kunming; 20 dms, 10 kgs, 3 cs, Singapore; 4 dms, 8 cs, Hongkong; 4 dms, 1 cs, Manila; 18 dms, 1 cs, Asama, Shanghai
CLAY—100 sks, President Polk, Manila
CLEANER—(Hoegh Silverlight) 2 crts, Rizal; 1 crt, Manila; 30 cs, Rosebank, Vancouver
COCOA BUTTER—4 cs, Asama, Yokohama
COLOR, DRY—1 kg, 48 cs, 1 bbl, City of San Francisco, Manzanillo; (Rosebank) 2 kgs, Vancouver; 2 bbls, Victoria
DENTIFRICES—21 cs, Hoegh Silverlight, Medan; 17 cs, President Polk, Hongkong
DEODORANT—1 cs, Rosebank, Vancouver
DIACETONE—(Modjokerto) 5 dms, Capetown; 5 dms, Durban
DIATOMACEOUS EARTH—(Modjokerto) 249 sks, Durban; 44 sks, Capetown
EGG YOLK, POWD—2 cs, City of San Francisco, Barranquilla
ETHER—1 cs, Rosebank, Vancouver
ETHYL ESTER—1 cs, Rosebank, Vancouver
FILLER PASTE—1 cs, City of San Francisco, Panama
FILTER CLOTH—3 cs, President Polk, Manila
PAPER—1 cs, President Polk, Kunming
FLYSPRAY—25 cs, Hoegh Silverlight, Sourabaya
GASOLINE—250 dms, Corneville, Manila
GLUE, VEG—2 csks, Rosebank, Vancouver
GREASE, LUBRIC—(Hoegh Silverlight) 28 cs, Macassar; 24 dms, Sourabaya; 5 dms, 5 cs, Batavia; 2 dms, Bombay; 4 dms, Fremantle; 184 dms, 309 pls, 121 cs, Rosebank, Vancouver; 8 dms, President Polk, Singapore; 148 dms, Asama, Moji
HOPS—10 cs, City of Derby, Philippine Islands
HYDROGEN PEROXIDE—16 cs, Rosebank, Vancouver
INK, PRINTING—(Rosebank) 12 dms, Victoria; 3 bbls, Vancouver; 14 cs, President Polk, Bombay
WRITING—(President Polk) 130 cs, Bangkok; 24 cs, Manila; 2 cs, Singapore
INSECTICIDE—18 cs, President Polk, Singapore; 86 dms, Modjokerto, Capetown
LACQUER—(Modjokerto) 78 cs, Durban; 39 cs, 63 pls, Capetown; 64 cs, Port Elizabeth
THINNER — 12 cs, Corneville, Manila; (Modjokerto) 55 dms, 60 pls, Durban; 100 pls, 1 cs, 63 dms, Capetown; 6 dms, East London; 30 pls, 5 dms, 3 cs, Port Elizabeth
LARD, SUBSTITUTE—200 tins, City of San Francisco, Panama
LEAD ACETATE—1 bbl, Corneville, Manila
RED—6 dms, President Polk, Manila; 75 kgs, Hoegh Silverlight, Borneo
WHITE, IN OIL—400 kgs, Hoegh Silverlight, Manila
LITHARGE—4 dms, President Polk, Manila
MAGNESIA CARBONATE—10 sks, Rosebank, Victoria
MEDICINAL PREPS—2 cs, City of Derby, Philippine Islands; 4 pkgs, City of San Francisco, Paramaribo
MILK POWDER—20 cs, City of San Francisco, Barranquilla; 200 bbls, Corneville, Manila
MILLET SEED—10 sks, Rosebank, Victoria
MOLYBDENITE, CONC—48 dms, 201 bbls, Asama, Yokohama
MUCILAGE—8 cs, President Polk, Manila
NITROCELLULOSE—6 dms, Rosebank, Victoria
OIL, CYLINDER—25 dms, Hoegh Silverlight, Madras; 3 dms, President Polk, Singapore
DIESEL—7,100 bbls, Corneville, Hongkong; 105,570 bbls, Nissin, Japan
FUEL—40,000 bbls, La Placentia, Balboa; 26,248 bbls, Nissin, Japan
GRAPEFRUIT—1 cs, President Polk, Singapore
LUBRICATING—(Hoegh Silverlight) 662 dms, 1 cs, Madras; 10 dms, Macassar; 55 dms, Rangoon; 158 dms, 71 cs, Sourabaya; 170 dms, Karachi; 102 dms, Sourabaya/Samarang/Batavia; 35 dms, Batavia; 10 dms, Penang; 5 dms, Medan; 115 dms, 21 cs, Batavia; 23 dms, Samarang; 75 dms, Colombo; 20 dms, Benkoelen; 741 dms, Bombay; 561 dms, City of Derby, China; (Corneville) 755 dms, Cebu; 200 dms, Hongkong; 160 dms, Bangkok; 1,015 dms, Manila; 150 dms, Haiphong; 350 dms, Fremantle; 105 dms, Batavia; 20 dms, Padang; 65 dms, Palembang; 5 dms, Menado; 25 dms, Samarang; 117 dms, Rosebank, Vancouver; (President Polk) 20 dms, Colombo; 225 dms, Bombay; 93 dms, 1 cs, Singapore; 1 cs, Kobe; 299 dms, Yokohama; (Silveryew) 25 dms, Manila; 3,391 bbls, Shanghai; 1,000 cs, Haiphong; (Modjokerto) 85 dms, 10 cs, Capetown; 20 cs, East London; 35 dms, 110 cs, Beira; 220 dms, 25 cs, Durban; 75 dms, 392 cs, Lourenco Marques
OLEO—10 bbls, President Polk, Hongkong
ORANGE, DIST—6 cs, Asama, Yokohama
SPRAYING—10 dms, 3 hlf dms, Modjokerto, Capetown
TRANSFORMER—6 dms, President Polk, Philippine Islands
ORANGE PEEL—1 bbl, Rosebank, Vancouver
PAINT—(City of San Francisco) 2 cs, Manzanillo; 1 dm, Cienfuegos; 1 dm, Rosebank, Vancouver; (President Polk) 27 pls, 132 cs, Madras; 10 dms, Singapore; 50 kits, Hongkong; 1 cs, Manila; 15 cs, Silveryew, Manila; (Modjokerto) 9 cs, Johannesburg; 4 cs, George; 104 cs, 11 dms, 25 pls, Durban; 50 pls, 17 cs, Port Elizabeth; 50 pls, 7 cs, 2 dms, Capetown; 1 cs, Salisbury; 10 pls, 6 cs, Port Elizabeth; 11 cs, 11 pls, Lourenco Marques; 70 cs, 94 pls, 4 dms, Beira
ALUMINUM—32 cs, Hoegh Silverlight, Cebu
COMPOUND—18 cs, Modjokerto, Durban
ENAMEL—(Modjokerto) 3 cs, Durban; 4 cs, Salisbury; 5 cs, Port Elizabeth
LIQUID—125 cs, 35 kgs, Hoegh Silverlight, Cebu
PASTE—34 kgs, President Polk, Tokyo
PREPARED—13 cs, Hoegh Silverlight, Cebu
THINNER—(Modjokerto) 1 cs, Capetown; 2 dms, Salisbury; 3 pls, Port Elizabeth; 400 dms, Capetown
PARAFFIN—(Modjokerto) 300 sks, Cartagena; 3,250 sks, Buenaventura; 4,500 sks, Puerto Colombia
PASTE, LINOLEUM — 200 pls, Modjokerto, Durban
PETROLEUM — (Hoegh Silverlight) 10 cs, Sourabaya; 15 cs, Bombay; 40 dms, Corneville, Haiphong; (Modjokerto) 20 dms, Capetown; 10 dms, Durban
PHARMACEUTICALS—(Hoegh Silverlight) 4 cs, Batavia; 7 cs, Bombay; 10 pkgs, Madras; (President Polk) 5 cs, Bombay; 7 cs, Madras; 11 cs, Manila
PHOSPHATE—1 bbl, Rosebank, Victoria
POLISH—(Modjokerto) 24 pls, Durban; 6 pls, 9 cs, Capetown; 2 cs, 2 pls, Port Elizabeth; 227 cs, Hoegh Silverlight, Manila; (President Polk) 2 cs, Singapore; 10 cs, Manila; 215 cs, Corneville, Manila
POTASH CAUSTIC—1 dm, Rosebank, Vancouver
XANTHATE—20 dms, Rosebank, Bralone; (Modjokerto) 8 dms, Johannesburg; 600 dms, N'dola
PUTTY—(Modjokerto) 12 cs, Capetown; 1 cs, Port Elizabeth
RAPESEED—2 sks, Rosebank, Victoria
RESIN—(Rosebank) 2 bbls, Victoria; 2 bbls, Vancouver
SYNTHETIC—2 dms, Rosebank, Victoria
ROSIN—1 bbl, Asama, Yokohama
WOOD—80 bbls, President Polk, Hongkong
SALT—521 tons, 2,640 sks, 45 bbls, 400 blocks, Rosebank, Vancouver
SARDINE MEAL—450 sks, Hoegh Silverlight, Manila
SHELLAC—7 bbls, Rosebank, Victoria
SILICA—14 sks, Corneville, Hongkong
SOAP—139 cs, City of San Francisco, Balboa
TOILET—(President Polk) 23 cs, Yunnanfu; 54 cs, Hongkong; 3 cs, Singapore
SODA ALUMINA SULPHATE—2 bbls, Rosebank, Victoria
BENZOATE—1 bbl, Hoegh Silverlight, Manila
NITRATE—8 sks, Corneville, Manila
PEROXIDE—1 cs, President Polk, Kunming
SILICATE—1,000 sks, Rosebank, Vancouver
XANTHATE—320 dms, Rosebank, Kimberley
SOLVENT, STODDARDS—300 dms, City of Derby, China
SPRAY POWDER—1 pl, Modjokerto, Capetown
SULPHUR—304 sks, Rosebank, Vancouver; 100 sks, Modjokerto, Lourenco Marques
DIOXIDE—3 cyls, President Polk, Manila
TOILET PREPS—(Hoegh Silverlight) 1 cs, Bombay; 19 pkgs, 4 cs, Sourabaya; (President Polk) 8 cs, Bombay; 3 cs, Hongkong; 10 cs, Silveryew, Manila
TOLUOL—1 dm, Modjokerto, Port Elizabeth

VALVE GRINDING COMP—2 cs, President Polk, Singapore
VARNISH—3 kits, President Polk, Hongkong
WAX, POLISHING—1 dm, Rosebank, Vancouver
YEAST—(Asama) 70 cs, Yokohama; 60 cs, Kobe
ZINC DUST—5 pls, Rosebank, Victoria; 95 dms, Silveryew, Manila; 60 dms, Asama, Chinnampo
OXIDE—5 aks, Rosebank, Victoria

Savannah Exports

Clearance Dates

Korsholm, May 29; Llandilo, May 20; Lysefjord, May 31; San Angelo, May 17; Sawokla, May 25; Silverwalnut, May 26; Tulsa, May 29

CLAY—750 bgs, Llandilo, Hamburg; (Korsholm) 1,600 bgs, Norrkoping; 1,120 bgs, Gdynia
MICA, GRD—(Tulsa) 132 bgs, Antwerp; 220 bgs, Havre
ROSIN—(San Angelo) 10 dms, Panama; 50 dms, Buenaventura; 50 dms, Cartagena
GUM—279 dms, San Angelo, Valparaiso; (Llandilo) 25 bbls, London; 355 bbls, Rotterdam; 1,230 bbls, Hamburg; (Korsholm)
ROSIN, GUM (Continued):—
175 bbls, Norway; 10 dms, Bergen; 1,555 bbls, Gothenburg; 225 bbls Copenhagen; 100 bbls, Gdynia; 100 bbls, Gefle; 10 dms, 200 bbls, Lysefjord, Havana; 375 bbls, Silverwalnut, Shanghai; (Tulsa) 75 bbls, London; 100 bbls, Hull; 245 bbls, Antwerp; 564 bbls, Hamburg
WOOD—150 dms, Sawokla, Hongkong
TURPENTINE, GUM—(San Angelo) 15 bbls, 20 dms, 410 cs, Valparaiso; 50 cs, Santiago; 5 dms, Coquimbo; 15 cs, Lima; 200 cs, 5 dms, Callao; (Llandilo) 450 bbls, London; 25 bbls, Rotterdam; (Korsholm) 50 bbls, Norway; 175 dms, Gothenburg; 300 bbls, Copenhagen; 5 dms, Lysefjord, Havana; 625 bbls, Tulsa, London

Tampa Exports

Clearance Dates

Breedijk, May 26; Heddernheim, May 26; Laguna, May 29

GASOLINE—10 dms, Laguna, Belize
OIL, LUBRICATING, RED—5 dms, Laguna, Belize
PHOSPHATE—4,000 tons, Breedijk, Antwerp; 6,800 tons, Heddernheim, Hamburg

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—64,681 bbls, C B Watson, Baltimore; 80,795 bbls, Mevania, Baytown
OIL, FUEL—52,310 bbls, Glenpool, Baytown; 2,491 bbls, Beaulieu, Baytown
GAS—43,704 bbls, Dixiano, New York
PETROLEUM, CRUDE—42,212 bbls, Dannedaike, Texas City; 66,962 bbls, New Jersey, Port Neches; 51,705 bbls, Elizabeth Kellogg, New York; 49,852 bbls, Thermo, Texas City; 71,075 bbls, Halsey, New York; 75,132 bbls, Joseph Seep, Baytown; 87,317 bbls, Broad Arrow, Providence; 140,871 bbls, Charles G Black, Baytown; 110,564 bbls, J A Moffett Jr, Baytown; 55,367 bbls, Henry M Dawes, Baytown; 148,613 bbls, Wm Rockefeller, Baytown; 143,347 bbls, W S Farish, Baytown; 79,081 bbls, Elisha Walker, Baytown; 78,608 bbls, I C White, Baytown

Los Angeles Coast Trade

GASOLINE—44,907 bbls, Warwick, Portland; 8,413 bbls, San Diegan, San Diego; 49,804 bbls, Associated, Avon; 24,132 bbls, J J Coney, Seattle; 62,500 bbls, Mojave, Portland; 7,096 bbls, San Diegan, San Diego; 75,340 bbls, Huguenot, San Francisco; 51,500 bbls, Camden, Seattle
KEROSENE DISTILLATE—10,000 bbls, J J Coney, Seattle
OIL, DIESEL—8,221 bbls, Mojave, Portland; 2,213 bbls, San Diegan, San Diego; 8,752 bbls, Agwiworld, Portland; 24,000 bbls, Camden, Seattle
FUEL—48,638 bbls, Topila, Portland; 65,287 bbls, F G Drum, Avon; 2,335 bbls, Coast Shipper, Portland; 7,287 bbls, Mojave, Portland; 59,477 bbls, Agwiworld, Portland; 57,000 bbls, Neches, San Diego
FURNACE—1,524 bbls, Warwick, Portland; 4,735 bbls, Mojave, Portland
LUBRICATING — 51,941 bbls, Associated, Avon
PETROLEUM, CRUDE—61,591 bbls, Montebello, Oleum; 67,580 bbls, F G Drum, Avon

New Orleans Coast Trade

OIL, OLIVE—57 cs, 2 dms, Osage, Tampa
SULPHUR, CRUDE—(W R Keever) 500 tons, Everett; 1,000 tons, Longview

Cargo Ship Arrivals

June 3 to June 16

New York

Ada O	Lisbon	June 10
Adrastus	Batavia*	June 6
Alaskan	Tacoma*	June 5
Alberta	Trieste*	June 12
American Banker	London	June 12
American Farmer	London	June 5
American Importer	Manchester*	June 12
American Robin	Seattle	June 10
Amor	Maracaibo*	June 12
Ancor	Cristobal*	June 12
Anna Maersk	Manila*	June 11
Aquitania	Southampton*	June 13
Argentina	Buenos Aires*	June 12
Astri	Rio de Janeiro	June 10
Banaderos	Santos*	June 5
Batory	Gdynia*	June 3
Black Condor	Rotterdam*	June 8
Black Eagle	Rotterdam*	June 6
Black Hawk	Rotterdam*	June 10
Boniface	Bahia*	June 6
Borinquen	Trujillo*	June 5
Bremen	Bremen*	June 12
Caledonia	Glasgow*	June 4
Cameronia	Glasgow*	June 11
Cape Howe	Buenos Aires*	June 8
Carolina Thorden	Kotka*	June 9
Champlain	Havre*	June 10
Chiriqui	Port Limon*	June 4
City of Baltimore	San Francisco*	June 13
City of Corinth	Calcutta*	June 14
City of Dalhart	Iloilo*	June 3
City of Delhi	Auckland	June 14
City of Johannesburg	Calcutta*	June 5
City of Norfolk	San Francisco*	June 6
Coamo	Trujillo*	June 12
Columbus	Bremen*	June 9
Dakotan	Portland*	June 15
Drottningholm	Gothenburg	June 10
Eastern Prince	Buenos Aires*	June 7
Edwin Christenson	Seattle	June 14
Excello	Constanza*	June 5
Exchange	Constanza*	June 15
Executive	Constanza*	June 13
Exmoor	Tunis*	June 9
Exochorda	Beirut*	June 6
Felix Taussig	Portland*	June 6
Fernhill	Tel-Aviv	June 16
Fernlane	Narvik	June 10
Flora	Maracaibo*	June 5
Fort Townshend	St John*	June 7
Georgic	Havre*	June 4
Georgian	Tacoma*	June 13
Gudrun Maersk	Istanbul*	June 5
Hansa	Hamburg*	June 9
Harpoon	Seattle*	June 12
Hein Hoyer	Tallin*	June 12
Hokkai	Dairen*	June 14
Ile de France	Havre*	June 5
Indiana	Havre	June 8
Ingria	Marseilles*	June 8
Ingrid	Georgetown*	June 13
Jamaica	Barranquilla*	June 8
Jean Jadot	Antwerp	June 10
Kahuku	Honolulu*	June 6
Kaipara	Sydney	June 5
Kolsnaren	Ulealborg*	June 7
Kota	Macassar*	June 13
Laconia	Liverpool*	June 6
Lihue	Honolulu*	June 5
Louisianan	Portland*	June 8
Maine	Seattle*	June 5
Manuela	San Juan	June 12
Massmar	San Pedro*	June 9
Montreal City	Fowey*	June 3
Mormacrio	Buenos Aires*	June 6
Mormacsun	Kotka*	June 8
Morviken	Yokohama*	June 13
Munargo	Havana*	June 8
Nieuw Amsterdam	Rotterdam*	June 8
Nonsuco	Manila*	June 12
Norden	Yokohama*	June 10
Nordfarer	Buenos Aires*	June 5
Normandie	Havre*	June 12
Nozima	Manila*	June 9
Orizaba	Vera Cruz*	June 6
Panama	Cristobal*	June 3
Panuco	Tampico*	June 4
Pastores	Puerto Barrios*	June 8
Peisander	Batavia*	June 10
Platano	Cristobal*	June 7
Pomona	San Francisco*	June 3
Poseidon	Maracaibo	June 11
President Adams	Honolulu*	June 6
President Harding	Hamburg*	June 3
Queen Mary	Southampton*	June 5
Ragnhild	Rotterdam*	June 3
Rosario	San Juan	June 5
Samaria	Liverpool*	June 11
San Jacinto	San Juan	June 7
San Lucas	Seattle*	June 11
Santa Barbara	San Antonia*	June 6
Santa Elena	Curacao*	June 5
Santa Inez	Chanaral*	June 13
Santa Rosa	Curacao*	June 12
Sanyo	Antwerp*	June 11
Scanyork	Leningrad	June 14
Schodack	Dunkirk*	June 3
Seatrain Havana	New Orleans*	June 6
Seatrain New York	New Orleans*	June 13
Siboney	Vera Cruz*	June 13
Steel Exporter	Honolulu*	June 7
Stavangerfjord	Oslo*	June 6
Stjereneborg	Port Alberni*	June 5
Svaneholm	Norrkoping*	June 12
Talamanca	Port Limon*	June 11
Temnaren	Gothenburg	June 7
Thurland Castle	Manila*	June 4
Uruguayo	Santos*	June 5
Van Rensselaer	Barbados*	June 12
Vermar	Seattle*	June 3
Vigrid	Gdynia*	June 16
Vulcania	Trieste*	June 8
Walter A Luckenbach	Seattle*	June 15
Ward	Adelaide*	June 11
Washington	Hamburg*	June 8
West Cawthon	Capetown*	June 14
Westernland	Antwerp*	June 13
Zaandam	Rotterdam	June 5

* And other ports

Recent Charters

FLAXSEED — 7,500 tons, S S Willesden, Karachi-Marmagoa to p p United Kingdom, Antwerp or Rotterdam, 27s; option Madras Coast, 29s 6d; July
ORE—8,100 to 8,800 tons, S S Dornoch, Poti to Baltimore, 13s 6d; June
PETROLEUM — 3,679 tons, S S Buccaneer, clean, Aruba to United Kingdom, Continent, 10s 3d; June
3,041 tons, S S Buesten, clean, Houston to Havana, 15c a barrel; June
5,561 tons, S S Inverilen, reported "gone"; no details given
4,678 tons, S S Cities Service Kansas, clean, Gulf to North of Hatteras, 17c a barrel
3,452 tons, S S Venetia, clean, Aruba to United Kingdom, Continent, 10s 6d; June-July
3,753 tons, S S Ranja, clean, Gulf to North Africa, 14s 4½d; July
3,719 tons, S S Strix, clean, Gulf to United Kingdom, Continent, 12s 6d; option Aruba loading, 10s 6d; June-July
5,029 tons, S S Cities Service Empire, fuel oil, Gulf to North of Hatteras, 21c a barrel; June 10 loading
SALT—9,000 tons, S S Aleksandar, Aden to Calcutta, 8 rupees; June
7,000 tons, S S King Edward, Aden to Chillagong, 8 rupees; June
7,500 tons, S S Dairijan, Port Okha to Calcutta, 8.8 rupees; June

Phila. Paint Club Outing In Ambler, Pa., June 21

The Philadelphia Paint, Varnish and Lacquer Association will hold its annual outing at the Oak Terrace Country Club, Ambler, Pa., June 21. Events scheduled include a soft ball game, basketball throw, ball in can, tract activities, nail driving confest, hat throwing contests, quoits, golf, croquet and darts. Luncheon will be served from 12:30 to 1:30 p.m., and dinner will be served at 6 p.m. Arrangements are in charge of G. B. Heckel, secretary of the association, 220 South Sixteenth street, Philadelphia.

Magnus, Mabee & Reynard, essential oils, aromatics, flavoring and perfume oils and compounds, this city, has issued its May-June price list in a fifty page booklet. The largest section in the book is devoted to data covering approximately 275 perfume oils that are one of the company's specialties.

Leather Chemists Discuss Research

—Continued from page 4

Business." Some of these restrictions are exogenous, others are endogenous to the industry. The exogenous changes have crept upon us almost insensibly, he added.

Mr. Watson said that it is an amazing commentary on our industry that only recently has work been inaugurated to distinguish in our financial re-

C. A. Blair
Secretary

sults between the effects of changes in the raw material price level and the actual profit or loss on the tanning function. It is only in the last few years, he said, that this most fundamental problem has received anything like the consideration that it requires from the industry's managers. Certainly most of us will agree that our inventory losses are of vital importance and should receive a major part of the industry's consideration, he added.

Chrome Tanning Studied

In a paper on "Recent Advances in the Theory and Practice of Chrome Tanning" Earl J. Serfass and Edwin R. Theis, of Lehigh University, a summary and survey of the present-day knowledge of chrome tanning as presented in the literature of the American, British and continental journals was given. The review covered the developments of the past decade.

Mr. Theis also presented a paper on "Studies in Chrome Tanning," in which the effect of excess sugar upon chemical characteristics of the chrome liquors was discussed. He said that as a result of his tests the data obtained shows such relations as:—The effect upon the apparent basicity of the resulting liquor through the use of varying amounts of sugar; free and combined volatile and non-volatile inorganic acids arising through the degradation of the sugar used; the effect of concentration of dichromate present during the reduction, and the effect of acid concentration present during the reduction.

Chrome Leather Lubrication

In a study on "The Role of the Chemical Constituents of Sulfated Oils in the Lubrication of Chrome Leather," by R. M. Koppenhoefer of University of Cincinnati, it was explained that several widely used commercial sulfated oils had been separated into three distinct groups of related chemical entities. These groups were sulfo oil fraction, the free fatty acid fraction and the neutral oil fraction. Each fraction was completely analysed before its role in the fat-liquoring process was investigated. Particular attention, Mr. Koppenhoefer said, has been devoted to the relation of chemical constitution to the fat-liquoring process in an attempt to scientifically explain some of the empirical information which the industry possesses at the present time.

Clays in Leather

The nature of clays, their origin and occurrence were presented briefly in a paper on "The Physical Chemistry of Clays and Its Bearing on Their Use in Leather," by C. G. Albert, of the Edgar Bros. Company. Their fundamental physical chemistry was discussed on the basis of the structure of the clay particle, placing particular emphasis on the active surface of the particle, to which the colloidal characteristics of clay can be traced. The importance of particle size distribution was shown and methods of particle size measurement presented. Particle size data was given for clays which have found or might find application in the leather industry. Possible applications of clays in leather were mentioned, together with a few illustrations of the effect of added clay upon the quality of leather.

"The Influence of Sodium Bisulfite on Various Vegetable Tanning Fermentations," which Paul C. Chang, of the University of Cincinnati discussed, said his work was an effort to prove the multiple effects of the "tanning materials—pH values—sodium bisulfite concentrations" toward a phenomenon of fermentation which occurs in the tan yard. Vegetable tanning materiels such as myrabolan, valonia, mangrove, cutch, hemlock, chestnut oak, and California oak were prepared to a 15 Barkometer solution. To these liquors, 20 strains of pure lacto bacilli cultures were inoculated and the fermentability was determined by the amount of lactic acid produced by each individual tanning material.

As sodium bisulfite is ordinarily introduced into the tan yard by the sulfited tanning extracts, the influence of sodium bisulfite on the fermentation of these tanning materials was studied, beginning with a concentration from 0.1% up to 1.0%. It was shown that the presence of sodium bisulfite up to 0.1% does not affect the fermentability. Above 0.1% the inhibiting activity is obviously shown to a considerable degree.

The initial pH value of the tanning liquor plays the significant role in fermentation. An adjustment of the initial pH values between pH 4.00-5.00 had affected the fermentability considerably, especially among the liquors containing higher sodium bisulfite.

Leather Finish

H. B. Walker, of Rohm & Haas, Philaphia, Pa., in a paper on "The Effect of Finish Upon the Deterioration of Upholstery Leather" said that observations of deterioration on furniture upholstered with full grain vegetable-tanned cattlehide led to consideration of the amount of finish applied to the leather, and the effect on sealing the grain against penetration by deleterious acids. It was found that, when the finish is applied so as to seal the grain of the leather against penetration of liquid water, the deterioration is very slight. It increases sharply when the grain of the leather is not sealed and becomes progressively worse as the grain is left more and more open. With a light finish of the kind used on leather which deteriorated badly in service, the protective effect is practically nil.

Aldehyde Tannage

There is considerable formaldehyde tanned leather made in the United States, but very little research has been made upon the combination of formaldehyde with animal skin, reported by E. R. Theis and William Priestley, jr., in a paper on "Studies in Aldehyde Tannage." Biological chemists have made detailed studies of the reaction of formaldehyde with amino acids and polypeptides, they reported. Recently research workers in the University of Cincinnati, the paper advised, have studied the combination of formaldehyde with purified collagen. Much of the work dealing with amino acids has been applied to formaldehyde tanning with excellent results up to a point. This paper contains a study made of the combination of formaldehyde with animal skin under various tanning conditions. The paper dealt with the effect of soaking upon the formaldehyde take-up during tannage, the effect of liming and the effect of pickling. The formaldehyde take-up under these various conditions was correlated to some extent, with the physical characteristics of leather tanned.

Ben Spencer Is at Home

Ben Spencer has returned to his home after spending three months in a hospital with a fracture of the cervical vertebrae. He will be obliged to refrain from all activities for another period of several months, and his physicians inform him that it will be still longer before he is able to get about without a heavy cast or other support on his neck. Mr. Spencer lives in apartment 2253 in the Park Central, Seventh avenue and Fifty-fifth street, this city. The telephone number is Circle 7—8000.

JUN 1939 XUM

Business Wants and Offers

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INDUSTRIAL SALESMANAGER — An Ohio corporation doing a strictly industrial business in paints, varnishes, enamels, stains, fillers and lacquers have an opening for a capable and experienced sales-manager—willing to do field work and is not over 45 years of age. Real opportunity for the right man. BOX 430, Oil, Paint and Drug Reporter.

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Positions Wanted

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CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

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WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

CHECK INVENTORIES—Cash for any quantity, surplus finished or raw materials—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

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N.Y. Paint Club Golf Won by J.B. Eakins

New York Paint, Varnish and Lacquer Association held its annual outing at the Hempstead Golf Club June 8. Approximately 160 members attended the dinner.

The President's Cup, donated by M. J. Merkin, together with possession for one year of the Harry I. Hillman Cup, was won by J. Barkley Eakins, of J. S. and W. R. Eakins, Inc., with an 82 gross.

Low gross for flight a was won by L. G. Cannella, of the Continental Can Company, with a fine 78.

Other golf prize winners were "Hal" Aldrich, of the United Color & Pigment Company; Joseph P. Fleming, of J. Lee Smith & Co.; Wm. H. McIntyre, of the American Mineral Spirits Company; John Hawthorne, of J. S. & W. R. Eakins, Inc.; A. R. Jorgensen, of the National Can Company; C. Malizia, of the North Jersey Paint Company; C. S. Smith, of J. Lee Smith & Co.

A small but active group engaged in a tennis tournament from which Edward Berger, of the M. J. Merkin Paint Co., Inc., emerged the winner, with William Hardy, of the U. S. Color Card Company, runner-up.

Louis Gillespie, of Gillespie-Rogers-Pyatt Co., conducted the presentation of prizes.

Pacific States Seedmen's Association held its 14th annual convention June 9 and 10 in the Fairmount Hotel, San Francisco.

Bids Wanted

Acetylene:—150,000 Cubic feet, U. S. Engineer Office, P. O. Box 97, Memphis, Tenn.; procurement 276F, opening June 15.
As required during period July 1 to September 30, U. S. Engineer Office, Post Office Building, Sacramento, Calif.; procurement 263, opening June 16.
6,000 cubic feet; U. S. Engineer Office, Custom House, Wiimington, N. C.; procurement 147, opening June 15.
12,000 cubic feet; Commanding Officer, Springfield Armory, Mass.; procurement 460, opening June 20.

Aluminum Sulphate:—30,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 475, opening June 19.

Antimony Trisulphide:—1,800 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1220, opening June 15.

Asphalt:—35,700 gallons; State Procurement Office, Treasury Department, Academy Building, Raleigh, N. C.; procurement 9164, opening June 15.

Barium Peroxide:—1,500 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1270, opening June 16.

Calcium Resinate:—800 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1270, opening June 16.

Enamel, Interior:—2,000 gallons; Chief, Purchase Division, Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 6024-DS, opening June 13.

Fertilizer:—20 tons; Supply Officer, Naval Air Station, Lakehurst, N. J.; requisition ERNY & D, opening June 13.

Lead, Pig:—492,800 pounds for Philadelphia; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 6525; opening June 16.

Red:—500 pounds; State Procurement Office, Treasury Department, Academy Building, Raleigh, N. C.; procurement 9140, opening June 14.

Sulphocyanate:—1,000 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1270, opening June 16.

White:—1,500 pounds; State Procurement Office, Treasury Department, Academy Building, Raleigh, N. C.; procurement 9140, opening June 14.

Lime, Hydrated:—20 tons; Supply Officer, Naval Air Station, Lakehurst, N. J.; requisition ERNY & D, opening June 13.

Magnesium, Powder:—2,450 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1269, opening June 16.

Oil, Fuel:—3,600 barrels; U. S. Engineer Office, Mobile, Ala.; procurement 431, opening June 18.

Oxygen:—300,000 cubic feet; U. S. Engineer Office, P. O. Box 97, Memphis, Tenn.; procurement 276F, opening June 15.
As required during period July 1 to September 30; U. S. Engineer Office, Post Office Building, Sacramento, Calif.; procurement 263, opening June 16.
15,000 cubic feet; U. S. Engineer Office, Custom House, Wilmington, N. C.; procurement 147, opening June 15.
30,000 cubic feet; Commanding Officer, Springfield Armory, Mass.; procurement 460, opening June 20.

Paint, Cold Water:—19,900 pounds; Chief, Purchase Division, Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 6040-S, opening June 14.
3,000 pounds; State Procurement Office, Treasury Department, Academy Building, Raleigh, N. C.; procurement 9140, opening June 14.

Soap, Milled Toilet:—6,885 pounds; Chief, Purchase Division, Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 6061-S, opening June 16.

Powdered Laundry:—150,000 pounds; Quartermaster Depot, Army Base, Brooklyn, N. Y.; procurement 626-281, opening June 23.

Saddle:—9,000 pounds; Quartermaster Depot, Army Base, Brooklyn, N. Y.; procurement 626-281, opening June 23.

Soda, Laundry Washing:—150,000 pounds; Quartermaster Depot, Army Base, Brooklyn, N. Y.; procurement 262-281, opening June 23.

Sodium Hyposulphite:—85,000 pounds; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton, Ohio; procurement 1163, opening June 16.

Solvent, Dry-Cleaning:—5,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 885, opening July 5.

Stain, Shingle, Creosote Base:—4,200 gallons; Purchasing and Contracting Officer, Office of the District Quartermaster, CCC, Sparta, Wis.; procurement 7601-138, opening June 15.

Starch, Laundry:—3,500 pounds; Chief, Purchase Division, Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 6062-DS, opening June 16.
37,500 pounds; Quartermaster Depot, Army Base, Brooklyn, N. Y.; procurement 626-281, opening June 23.

Strontium Nitrate:—2,300 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1270, opening June 16.

Oxalate:—500 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1270, opening June 16.

Peroxide:—1,500 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1270, opening June 16.

Trinitrotoluene, Crystalline:—500 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 1266, opening June 20.

Obituaries

Dr. Bernard Herstein

Dr. Bernard Herstein, chemist who served as technical adviser of the United States Tariff Commission from 1910 to 1912 and as consultant to the U. S. Industrial Alcohol Company from 1919 until his retirement last February 1, died June 8, in Shannon lodge, Bernardsville, N. J. He was seventy-three years of age.

A native of Poland, Dr. Herstein received his chemical education at the University of Berlin, holding a Doctor of Philosophy degree granted by that institution. He was a member of the American Chemical Society, Society of the Chemical Industry, and the Chemists' Club of this city. He is survived by two sons and two daughters.

Francis E. Thompson

Francis E. Thompson, president of the Moxie Company, Boston, Mass., since 1904, died June 4 in his home in Arlington, Mass., after an illness of five months. He was seventy-four years of age.

Born in Union, Me., the son of a physician, Mr. Thompson, in his youth, went to Florida to manage an orange grove, but soon thereafter he went to Lowell, Mass., to prepare and sell "Moxie," a soft drink developed by his father. Mr. Thompson was the first treasurer of the company, organized originally in 1885 in Maine as the Moxie Nerve Food Company, but its business was conducted in Lowell, Mass. In 1893 its laboratories and plants were moved to Boston, and in 1909 the name of the company was changed to the Moxie Company.

Surviving are his wife and a brother, Harry A. Thompson, treasurer of the company.

E. C. Conkling, former manager of the Detroit sales division of Standard Oil Company of Indiana, died June 4, in his home in Miami, Fla. He was eighty-four years of age.

Henry Vernon Foster, president of the Foster Petroleum Company, Bartlesville, Okla., died of a heart ailment at a Los Angeles hospital, June 5. He was sixty-three years of age.

Hugh Walton Foushee, assistant manager of the Norfolk, Va., sales office of F. S. Royster Guano Company, died unexpectedly June 1. Apparently in good health, Mr. Foushee was golfing when stricken. He was sixty-one years old. Mr. Foushee had been with the Royster company for more than thirty years. His wife survives him along with several sisters and brothers.

Mrs. Mary Harkness Thibault, widow of John F. Thibault, one of the founders of Thibault & Walker Company, paint manufacturer, Long Island City, died in her home in North Tarrytown, June 2. Her husband died in 1928. She was sixty-one years old.

Osborne Van Brunt, former general traffic manager of Certain-teed Products Corporation, died June 8 in his home in Bronxville, N. Y. He was sixty-four years of age.

James H. Wanzer, former assistant manager of the accounting department of the Socony-Vacuum Oil Company, this city, died in his home in Brooklyn, June 5. He had been associated with Socony-Vacuum and the old Standard Oil Company for more than forty years. He was eighty-two years of age.

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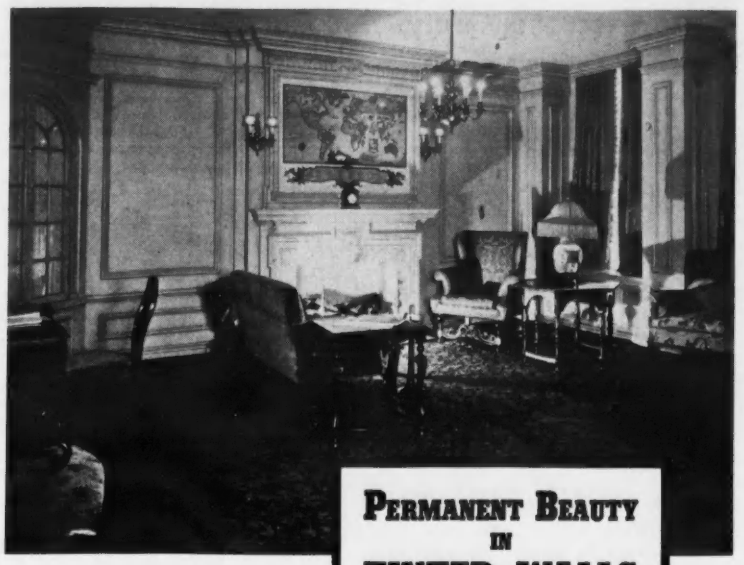

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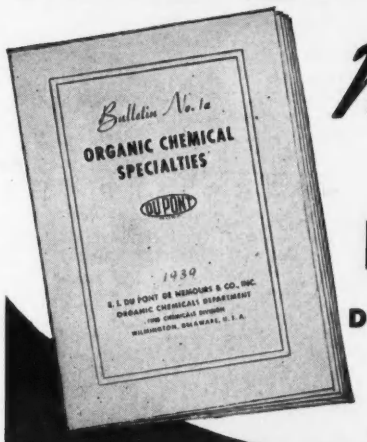

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